

BADGER STATE

Smoke Signals

For Radio Amateurs • By Radio Amateurs

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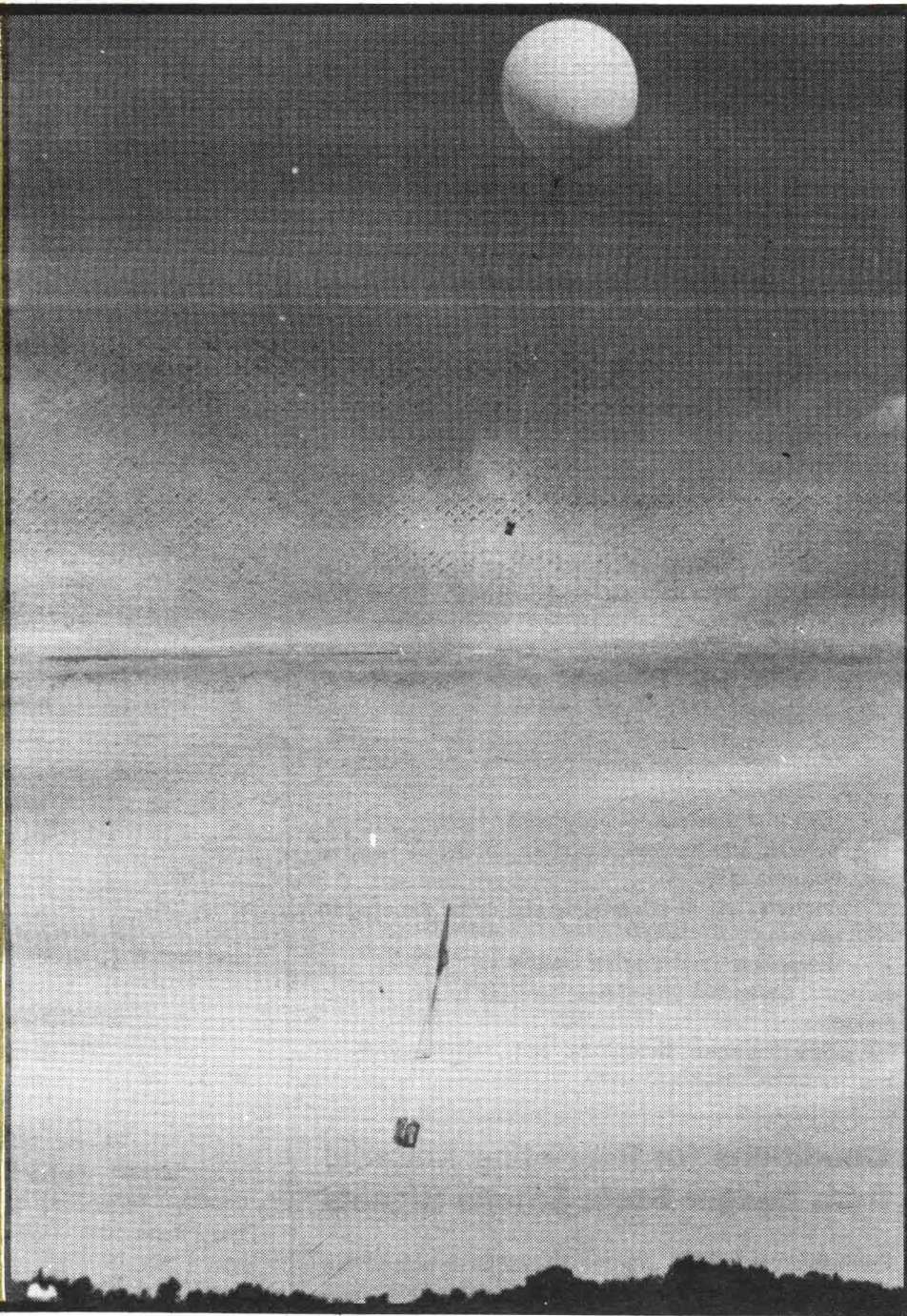
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Vol. 22 No. 9 - 261st Consecutive Monthly Issue - Baraboo, Wisconsin - September 1991

Ham Radio, on the Air, in the Air!

After a delay or two, a long-awaited balloon-carried two-meter repeater was launched on August 4 from Hillsboro, Wisconsin, by Joe Mayenschein, WB9SBD, and a hard-working crew. The repeater worked very well, and the package was recovered intact following a long flight during which stations were heard from Colorado to Virginia. The weather balloon, with the repeater package suspended beneath, is shown in this photo, taken by Karl Simonson, KB9EQI, of Holmen. Read more about the fantastic flight, and about several flights planned in the near future, in stories by Joe Mayenschein, WB9SBD, and Steve Loeffler, WB9ZRE, beginning on page 6 of this issue. □



American Radio Relay League Offers to Maintain "Tech-Plus" License Database

Responding to a problem identified at this year's national conference of Volunteer Examiner Coordinators (VECs), the American Radio Relay League has offered to maintain a database of Technician licensees who have passed a Morse code examination.

The FCC is not maintaining a file of this information at this time, but does want VECs to report the names and call signs of "Technician Plus CSCE Class" operators who possess a Certificate of Successful Completion of Examination (CSCE) for a Morse code element.

Unlike Technicians who have passed only a written examination, these licensees have Novice HF privileges. A volunteer effort to maintain a central database of "Technician Plus" licensees in Huntsville, Alabama, was initiated earlier this year and appeared to be off to a good start, with ARRL and other VECs cooperating in supplying information. However, at the national conference in June, a problem surfaced as to ongoing funding for this operation. A proposal was offered to incorporate the Conference of VECs, to provide an organization through which funding from various potential sources could funneled.

ARRL and other participants in the conference saw difficulties likely to arise from formal incor-

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ELMER

By Rich Regent, K9GDF



Badger State Smoke Signals

AND STILL I
DON'T GET ANY
QSY CARDS!



DON'T YOU
MEAN QSL
CARDS?

Swapfests and Other Social Events

SUNDAY, SEPTEMBER 8, 1991. BARS Hamfest and Computer Fair, Joliet, IL. Contact Bolingbrook Amateur Radio Society, P.O. Box 1009, Bolingbrook, IL 60440. (708) 759-7005.

SEPTEMBER 20-22, 1991. ARRL DAKOTA DIVISION CONVENTION, at Ramkota Inn, Watertown SD. (see QST for more details).

SEPTEMBER 21-22, 1991. PEORIA SUPERFEST. Exposition Gardens, Peoria, IL. Contact: Peoria Area Amateur Radio Club, P.O. Box 3508, Peoria, IL 61612-3508.

SEPTEMBER 21-22, 1991. RADIO EXPO at Lake County Fairgrounds, Grayslake, IL. Contact CFMC P.O. Box 1532, Evanston, IL 60204.

SATURDAY, OCTOBER 5, 1991. Fallfest '91 sponsored by the Green Bay Mike & Key Club, at the Green Bay Community Center, 1637 Dousman St. Amateur License exams administered between 9:00 am and 12:00 noon. For further information contact: Green Bay Mike & Key Club, P.O. Box 12631, Green Bay, WI 54307. (414) 432-3491.

SATURDAY, OCTOBER 12, 1991. Indoor show and Flea market. Hennepin Technical College, north of I-694 and Hwy 169. Sponsored by the Twin Cities FM Club, PO Box 5598, Hopkins MN 55343. It is the next building west of the Hill Farms State Office building. The meetings start

SUNDAY, OCTOBER 13, 1991. KMRA Swapfest, Waukesha, WI. Contact: KMRA Swapfest, P.O. Box 276, Waukesha, WI 53187-0276

SUNDAY, NOVEMBER 3, 1991. The FOXCITIES HAMFEST 91, will be held at the Starlite Club on Hwy. 55 North of Kaukauna. For information contact Don Baker, NB9J, 621 W. 7th St., Kaukauna, WI. 54130. (414) 766-3886.

SATURDAY, JANUARY 11, 1992. Midwinter Swapfest, sponsored by the West Allis RAC, at Waukesha Exposition Center, Waukesha, WI. For more information see the ad on the last page.

SUNDAY, FEBRUARY 8, 1992. Midwinter Madness Hobby Electronics Show, Blain Minn. Robbinsdale ARC, P.O. Box 22613, Robbinsdale, MN 55422.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

All things come to those with names on mailing lists.

The reason teenagers don't have hang-ups is that everything they own is on the floor.

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

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Subscriptions

1 year	(12 issues)	\$9.75
2 years	(24 issues)	\$18.00
3 years	(36 issues)	\$26.00

Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than SEVEN DAYS after the club's meeting. For

example, if a club meets on the 4th of the month, the material should be sent no later than the 11th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebnetter.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebnetter.

Swapfest information should be sent to Ken Ebnetter. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. This credit is mandatory, and no material may be printed unless it is given. This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

Club Meetings

Do to space limitations we cannot always carry the full listing of Wisconsin and area club meetings. Please save the following listings for your future reference. We hope to have the full listing at least three times a year, and will carry any changes or additions between full listings.

BADGER AMATEUR RADIO SOCIETY (W9YT - U. W. - MADISON)

Monthly while school in session - 2nd Wed. - 7:30 p.m. - B-314, Electrical Engineering Bldg.

CENTRAL WISCONSIN RADIO AMATEURS, LTD. (STEVENS POINT)

Second Wed..

EAU CLAIRE AMATEUR RADIO CLUB

2nd Tue. - 7:30 p.m. - Parks and Recreation Bldg., Oxford and 1st Streets, Eau Claire. Hams, guests welcome. Travelers welcome on wide area club repeater K9UXP, 146.31/91.

FOUR LAKES AMATEUR RADIO CLUB (MADISON WI)

First and third Tues - 7:30 p.m. - Red Cross Bldg., 4860 Sheboygan Ave., room "C" downstairs. It is the next building west of the Hill Farms State Office building. The meetings start promptly at 7:30 pm.

FOX CITIES AMATEUR RADIO CLUB

Third Mon. - 7:00 p.m. - Roosevelt Jr. High School, 318 E. Brewster St., Appleton. Info: (414) 766-3886.

GREATER MILWAUKEE DX ASSOCIATION

Fourth Mon. of the month at 7:30 p.m. Contact Jerry Scherckenbach, N9AW, at (414) 481-8831 for meeting location.

GREEN BAY MIKE AND KEY CLUB

Second Thur. - Red Cross Bldg., corner Danz and Deckner, Green Bay.

GREEN FOX AMATEUR RADIO CLUB

Third Mon. - 7:30 p.m. - Green Lake Town Hall, int. of county hwy. K and N.

KETTLE MORAINE RADIO AMATEURS

Second Fri., 7:30 p.m. at the Waukesha County Technical College, Campus Science Building, Room 102. Talk-in on the N9KS 147.39 repeater.

LAKESHORE RPTR. ASSN.

Last Tue., Jan., Apr., Jul., & Oct., 7:30 p.m. Red Cross Bldg., 4521 Taylor Ave., Racine, WI.

MADISON AREA REPEATER ASSN

The meeting schedule for 1991 is as follows: Sept. 9 and Nov. 11.

MANITOWOC COUNTY RADIO AMATEURS

Directors Meeting: First Wed.

General meeting: Second Wed.

Both meetings held at 7:30 p.m. in the basement, Manitowoc City Hall, 817 Franklin St., Manitowoc.

MENOMONEE FALLS AMATEUR RADIO CLUB

Last Tue. - Doors open 7:30 p.m., meeting begins 8:00 p.m. - Security Savings and Loan, Menomonee Falls. Amateurs and guests welcome.

MILWAUKEE RADIO AMATEURS CLUB

Fourth Thur. - Room #280 Wauwatosa East High School, located at 74th and Milwaukee Ave. in Wauwatosa. No meetings in July, August and December.) Meetings begin at 7:00 pm.

NORTHERN WISCONSIN RADIO CLUB

4th Tue. - 7:30 p.m., Sept. through April. Peppermill Restaurant, Thunderbird Mall North, Menomonee, WI. Guests welcome.

NORTHWOODS ARC (RHINELANDER WI)

Third Tue.. Doors open at 7:00 p.m. Meeting at 7:30 p.m. South Park School, Rhinelander, WI. Talk-in on 146.93/.34. All interested visitors to the Northwoods are welcomed.

OZAUKEE RADIO CLUB

Second Wed. - 7:30 p.m. - Saukville Community Center.

QCWA - WISCONSIN CHAPTER #55

Contact Robert Shady, KB9XR, Treasurer, 905 E. Doty Place, Milwaukee, WI, 53207. For information about meeting dates or joining QCWA Chapter #55. The Wisconsin Chapter holds Spring and Fall dinner meetings.

QCWA - SOUTHEAST WISCONSIN CHAPTER #162

Meets third Mon. monthly, 7:30 p.m., Around the Clock Restaurant, 3012 Rapids Drive, Racine.

RACINE MEGACYCLE CLUB

Second Mon., 7:30 p.m., Red Cross Bldg., 4521 Taylor Ave., Racine, WI

RIVERLAND AMATEUR RADIO CLUB

First Tue. - 7:30 p.m. - Onalaska Community Center, Onalaska WI.

ROCK RIVER RADIO CLUB

Monthly - first Tue. - 7:00 p.m. at Dodge County Sheriff's Department, 141 N. Main, Juneau, WI.

ARES Net: 146.04/146.64 Mon.s at 7:30 p.m. Sat.s on 7277 KHz at 10:30 a.m.

SHEBOYGAN COUNTY AMATEUR RADIO CLUB

Second Tue. - 7:00 p.m. - Sheboygan Red Cross/Boy Scout Bldg., 2032 Erie Ave.

SOUTH MILWAUKEE AMATEUR RADIO CLUB

First Wed. - Legion Post 434, Shepard Ave., Oak Creek WI. Auctions in March and October.

TAYLOR COUNTY AREA AMATEUR RADIO CLUB (TCAARC) MEDFORD

Usually the 2nd Thur. of the month at 7:00 PM sharp. Usual location: emergency government meeting room, basement of Sheriff's Annex to Taylor County Courthouse, 2nd and Ogden Sts., Medford, WI. Talk-in on 147.75/15 or 145.27(-600) repeaters. Amateurs & guests are welcome. ARS Net, Wed. nights at 8:30 PM on 147.75/15. For info contact: Rolland Walty, W9LEE, W4117 Hwy. 102, Westboro, WI 54490. (715) 427-3492

TRI-COUNTY AMATEUR RADIO CLUB

Sun. of each month. Meetings are held at 7:00 p.m., at the Trinity Lutheran Church, 314

Barrie, Fort Atkinson, WI.

WASHINGTON COUNTY AMATEUR RADIO CLUB

Tue.: ARES/RACES - 7:30 p.m., club meeting - 8:00 p.m., Town of Polk Town Hall, Hwy. 60 and Scenic Dr. Net on 146.13/73 every Mon. 7:30 p.m.

WATERTOWN AMATEUR RADIO CLUB

First Thur. of the month at 7:00 p.m., The Watertown Public Library, 100 S. Water St., Watertown, WI.

WAUPACA AMATEUR RADIO CLUB

First Sat. in March, June, September and December, at 9:30 a.m. at the Waupaca Fire Station in downtown Waupaca.

"CQ First Tue." - A social gathering and dutch treat luncheon at the King's Table in King, WI, on Highway QQ just south of highways 10 and 54 on the west side of Waupaca.

WEST ALLIS RADIO AMATEUR CLUB

Second Tue. - 8:00 p.m. - St. Peters Episcopal Church, 7929 Lincoln Ave. Entrance is at rear of building on alley.

WISCONSIN ASSOCIATION OF REPEATERS

Meetings are held Quarterly, with time and location to be announced. Repeater licensees, trustees, and sponsors are urged to attend W.A.R. meetings. All interested parties are welcome, as well.

WISCONSIN VALLEY RADIO ASSOCIATION (WAUSAU)

First Tue. - 7:30 p.m. - Location varies; info on 146.04/64, Wausau.

YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)

Days rotate: Scheduled meeting dates: All meeting at the Baraboo Civic Center, Baraboo, WI. Meetings start 7:30 p.m.

Let Badger State Smoke Signals know your club's meeting dates, and we will let our readers know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

The Test Point

Amateur Radio examinations scheduled in and around Wisconsin

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

September 4, 1991	Milwaukee, WI (MRAC)
September 7, 1991	Dubuque, IA
September 19, 1991	Marshfield, WI
September 21, 1991	Marshfield, WI
September 28, 1991	Milwaukee, WI (MRAC)
October 2, 1991	Milwaukee, WI (MRAC)
October 5, 1991	Green Bay, WI
	Green Bay Mike & Key swapfest
October 12, 1991	Eau Claire, WI
October 13, 1991	Waukesha (BE)
	KMRA Swapfest
October 26, 1991	Milwaukee, WI (MRAC)
November 2, 1991	Menomonee, WI
November 3, 1991	Kaukauna, WI
	Foxcities hamfest

November 6, 1991	Milwaukee, WI (MRAC)
November 11, 1991	Onalaska, WI
November 30, 1991	Milwaukee, WI (MRAC)
December 4, 1991	Milwaukee, WI (MRAC)
December 7, 1991	Stevens Point, WI
December 7, 1991	Dubuque, IA
March 28, 1992	Menomonee, WI
November 7, 1992	Menomonee, WI

Monthly, First Sat. Racine, WI
(except January, July & August)
Monthly, Last Sat. Tomahawk, WI
(January thru October only)
Monthly, Third Sat. Loves Park, IL
Minnesota tests listed at end of column

Many of the larger Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

GENERAL RULES**FOR MOST EXAMINATIONS:**

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 25¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.25 payable to "ARRL/VEC".

The FCC now requires applicants to show their original Amateur license to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS' CLUB MRAC/VEC

1991 examination dates:

WEDNESDAY: September 4, October 2, November 6, and December 4, 1991

SATURDAY: September 28, October 26, and November 30, 1991.

WEDNESDAY DATES: Time and Location to be announced at a later date. Please call the following for information: Jack Krause, W9JK, 1737 North 116th St., Wauwatosa, WI 53226. (414) 774-6999. or: Les Peterson, W9YCV, 9741 W. Howard Ave., Greenfield, WI 53228. (414) 321-4745.

SATURDAY DATES: 9:00 am to 12:00 noon at the Wauwatosa Savings and Loan, 7500 West State St. (Lower level) Please arrive promptly so testing can be completed by 12:00 noon.

Bring along your original license and two (2) good quality photocopies, plus two forms of identification, such as a driver's license, etc.

(continued on page 19)

Wisconsin Nets Association Ltd.

Bob Towns, N9IAI, Secretary • 413 Pine Street • Waupaca, WI 54981

Wisconsin Nets

Net	WNA	Freq.	UTC	CDT	Mgr.
BWN	Yes	3984	1100	0600	W9AYK
BEN	Yes	3985	1700	1200	WB9ESM
WSBN	Yes	3985	2230	1730	K9UTQ
WNN	Yes	3723	2300	1800	KA9FVK
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9NGP
NWTH	Yes	34/94	2330	1830	NS9Q
(Rhinelander area)					
6:30 Net	No	01/61	2330	1830	KA9OMC
Gr. Bay	No	72/12	0145	2045	WB9NRK
(Green Bay area)					
ARES	No	4.65/5.25	0100	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1715	1215	WC9AAG
(USB Tuesday and Thursday)					
RACES	No	3993.5	1300	0800	WA9OAY
(LSB Sunday)					

Section Manager's Notes



Richard R. Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221

Congratulations to N9CAP, newly appointed Official Observer Coordinator. Thanks to NC9G for serving several years.

Rock River Radio Club has adopted Highway 26 south of Juneau to County KW; a sign reads RRRC Juneau Repeater 146.64 MHz. RRRC offers Novice classes this fall, with instructor WA9ZTY.

Green Bay Mike and Key Club has a new feedline for their 147.12 MHz repeater; their VHF Awards Manager is WD9EGE.

New Ham BBS in Milwaukee area includes ham info; phone 548-9866, or check with system operators WB9WRW and KA9GTN.

October 2nd and 26th, exams by the Milwaukee RAC; more info from W9JK or KE9JJ.

Quarter Century Wireless Association, Wisconsin Chapter 55, will meet October 6th, with a lunch at noon, program and auction at Mr. G's, near intersection of County Trunk I and Highway 57 about a mile south of Jacksonport. Visitors and guests are welcome to join the QCWA fun.

October 5th Fallfest opens at 8 a.m., sponsored by Green Bay Mike and Key Club at Green Bay Community Center, just off Highway 41 on Dousman, with exams on site.

October 12th exams at Eau Claire.

Free Technical Coordinator Manual

(Just ask K9GDF!)

Would you like a free copy of my new 77-page *Technical Coordinator Manual*, published by the American Radio Relay League?

The 1991 second edition includes a large appendix of QST technical articles, so you can find particular technical information without searching issues of QST. As author of this book, I made sure it includes several cartoons I drew. You'll enjoy seeing them, plus using a technical resource flow chart that I designed. It really works! Nine chapters include subjects like The Club Connection, How to Write, Speak and Coordinate, and the Technological Future.

There is a catch: You'll have to make use of the book and volunteer to be an ARRL Technical Specialist. In other words, I might refer someone to you for technical advice some time. It doesn't matter whether you are a generalist or a specialist. But, you must be licensed and be an ARRL member to qualify for the free book.

Please mail me a short note expressing your interest and qualifications as stated above. After review and approval, I'll send you a certificate and tell League Headquarters to rush you a free copy of my latest book - free!

- Richard R. Regent, K9GDF
ARRL Wisconsin Section Manager
5003 South 26th St., Milwaukee, WI 53221

The 1991 WNA Picnic will be September 7 at Ochsner Park on Highway 33 (8th Avenue/Ringling Boulevard) on Baraboo's west side. All are welcome to attend. Full details, with a map, were published in last month's issue of BSSS. □

October 13th is the KMRA Fall Ham and Computer Swapfest, Waukesha County Expo, starts 7 a.m.

Annual West Allis RAC Dinner planned for October.

Radio Recyclers, run by WK9Q, has celebrated one year in Milwaukee at 3221 West Lincoln Avenue, phone (414) 383-9001 for hours and information; now also has antique clocks.

EC WB9RQR offering free mobile installation guidelines handout, particularly good for VHF or ARES work.

The thought of the month: *The first place to look for anything is the last place you would expect to find it.* □

Ozaukee County ARES Lauded by E.G. Director

Emergency communications provided by the Amateur Radio Emergency Service in Ozaukee County following a severe storm resulted in the receipt of the following letter from that county's Director of Emergency Government by ARES Emergency Coordinator Stan Kaplan, WB9RQR:

9 July 1991

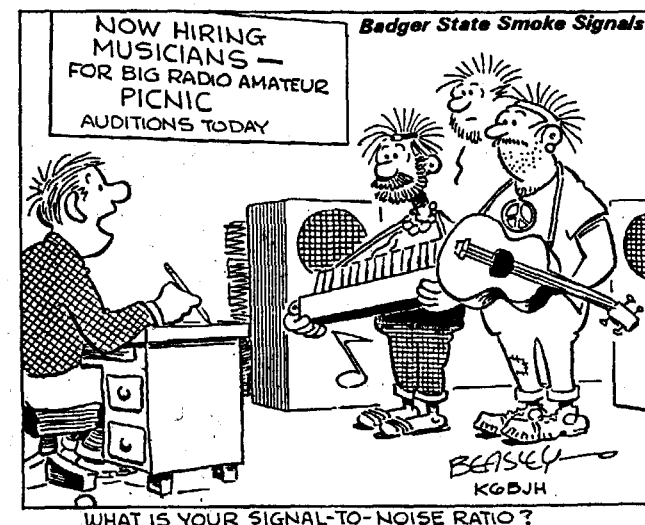
I would like to thank you and the Ozaukee Radio Club for your valuable assistance in the aftermath of the windstorm on July 7, 1991. The storm generated well in excess of \$1,000,000 in damage in Ozaukee County alone. As in most severe emergency situations, communications becomes a critical factor. Our communications network was strained. Without additional radio support, we would have been required to send teams into the field without communications. The radio club's involvement provided that vital communications between the Emergency Operations Center and two of our Field Units.

While the radio traffic was minimal once all the units were in place, it remained vital to have radio communications at the sites where roads were closed due to fallen trees and live electrical wires. The availability of immediate communication helped minimize the potential for injuries or loss of life. The Ozaukee Radio Club provided the necessary link during this emergency. Fortunately, the only injuries were physical damage to utilities and various structures in the path of the storm. No personal injuries or fatalities resulted from the storm.

The residents of the county are very fortunate to have this dedicated volunteer group available and willing to assist during emergency situations. I personally want to thank each of the radio operators involved, and commend their professional handling of this emergency situation.

William F. Stolte,
Director of Emergency Government

- From the OZARES Newsletter,
via Richard R. Regent, K9GDF





HERE and THERE

FCC-ISSUED CALL SIGN UPDATE: The following is a list of the FCC's most recently issued call signs (as of 1 July 1991):

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AA0FN	KF0TD	N0OVO	KB0JKO
1	WU1Q	KD1CQ	N1JVE	KA1ZEZ
2	AA2FU	KF2DI	N2NKZ	KB2NMB
3	WQ3L	KD3YB	N3KCW	KA3ZIH
4	AC4HS	KO4FW	**	KD4DIH
5	AA5ZV	KI5SE	N5VDK	KB5QES
6	AB6EB	KM6FT	**	KC6ZCM
7	AA7JI	KG7SE	N7TDQ	KB7NZW
8	AA8EK	KF8OU	N8PPO	KB8MXT
9	AA9BJ	KF9EV	N9MDS	KB9HDO
Hawaii	**	AH6LH	WH6AZ	WH6CNV
Alaska	**	AL7NI	NL7YL	WL7CCQ
PR	**	KP4SF	**	WP4KJF

** All call signs in this group have been issued in this area.

- N6BVU via packet radio

A NEW BOOK ABOUT AMATEUR RADIO IS OFF THE PRESS: Don C. Wallace, W6AM, *Amateur Radio's Pioneer*, is 320 pages, with 200 photographs, including 24 pages of color art. The book, written by Jan Perkins, N6AW, is hardbound, and costs \$29.95 from Wallace and Wallace, 11823 E. Slauson Ave., Suite 38, Santa Fe Springs, CA 90670.

- The ARRL Letter, 7/25/91

MILWAUKEE BBS SUPPORTS HAMMING: There's a new bulletin board system in the Milwaukee area that has reams of ham radio information. It's the Milwaukee Heathkit User Group (MHUG), with about a third of its 80 members being hams. But the entire HMUG group supports this specialty BBS, which is open to anyone with a computer and a modem.

System operators WB9WRW and KA9TGN frequently link with other BBS around the United States to update information. The Milwaukee metro plan phone number was chosen since it includes most of the MHUG members at the local call rate. Besides the radio news, other topics include ham radio modifications, packet items, and ham equipment sell or buy lists. Give this 24-hour BBS a try

by calling (414) 548-9866.

- Richard Regent, K9GDF

NO AMATEUR LICENSE FEES? Fees for amateur licenses took another step toward oblivion on July 30, when the House Energy and Commerce Committee passed H.R. 1674, the FCC Authorization Bill, and sent it up to the full House. The bill specifically exempts Amateur Radio licenses from user fees. The full House is expected to consider the bill after its August recess. The Senate Commerce, Science and Transportation Committee is expected to take up its version of H.R. 1674 (S. 1132) sometime in early September.

- The ARRL Letter, 8/7/91

NO PELTS FOR 220-222 MHz: The FCC has abandoned a proposal to establish an emergency radio locator system. Called the Personal Emergency Locator Transmitter Service (PELTS), the plan, in FCC PR Docket 89-599, would have assigned the system to the 220-222 MHz range, a band now reassigned from the amateur to the land mobile service. The League and others had opposed the proposal as basically unworkable.

The Commission, in a press release, said, "that while it continued to believe that there was a need to improve emergency communications capability in remote areas, there were enough problems with the PELTS system that it would terminate the proceeding and release the channels involved for the private land mobile services."

The 220-222 range switches from amateur to land mobile use Aug. 28.

- The ARRL Letter, 8/7/91

H.R. 73 UPDATE: Ten more members of the U.S. House of Representatives have joined H.R. 73 as co-sponsors, bringing the total to 127.

The new co-sponsors of the Amateur Radio Spectrum Act of 1991 are: William Dannemeyer (R-CA); Charles J. Luken (D-OH); Charles W. Stenholm (D-TX); Norman Y. Mineta (D-CA); Bill McCollum (R-FL); Louise Slaughter (D-NY); Richard Neal (D-MA); Edward Feighman (D-OH); Doug Barnard (D-GA); Nancy Johnson (D-CT); and Chris Smith (R-NJ).

Eighty-four Democrats are co-sponsors, 42 co-sponsors are Republicans, and one is an independent (Bernie Sanders of Vermont).

(BSSS editor's note: The tally of Wisconsin Reps who have signed as co-sponsors of H.R. 73 remains at two, of a total of nine.

- The ARRL Letter, 8/7/91

THE FCC HAS FINED TWO PEOPLE for broadcasting in the range above the amateur 40-meter band. Technician Class licensee Mark W. Meece, N8ICW, of West Chester, Ohio, was fined \$1,000 for broadcasting commentary and music on 7.404 MHz, according to the Commission.

And on July 20, the FCC's Buffalo office shut down a station operated by Mark Radecki of Erie, Pa., for operating on 7.415 MHz. Radecki, who according to the FCC was transmitting rock music, was also fined \$1,000.

- The ARRL Letter, 8/7/91

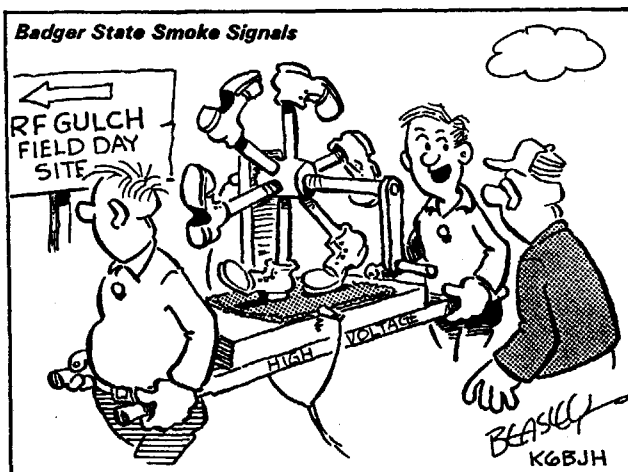
TANDY CORP. HAS TAKEN DELIVERY of the first shipment of their 15,000-unit order of *Now You're Talking*, and the book is now available in Radio Shack stores around the country. "Our publication passed Radio Shack's quality control inspection with flying colors," ARRL Business Manager Barry Shelley said, "helped no doubt by the fact that their buyer is studying the book to become a ham!"

- The ARRL Letter, 8/7/91

A NICE SURPRISE CAME ALONG on Friday, August 23. Your editor was riding with K9EN in Ken's trusty van when, on the Baraboo 28/88 repeater, we heard "K9ZZ, this is AI6Q." AI6Q is Bernie Tower, formerly K9ZPP of Milwaukee, who was Wisconsin's Section Emergency Coordinator in the semi-ancient 1960s. Bernie and wife Jackie had visited the Circus World Museum here in Baraboo, and his call on 88 was his final try to catch your editor before he and Jackie headed to Chicago to fly back to California. Thus, they, along with Ken, myself, and Don Evenson, K9JYX, got together for a reunion after 18 years! We'll have a picture, and tell you why the reunion was historic, in our next issue.

ARE YOU AN "ELMER?" GOT A NEW HAM IN YOUR AREA? We'd like to suggest a gift subscription to *Badger State Smoke Signals* for him/her! It's easy to do - just use the form below!

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a 20-meter beacon, but I do not know the frequency at this time.

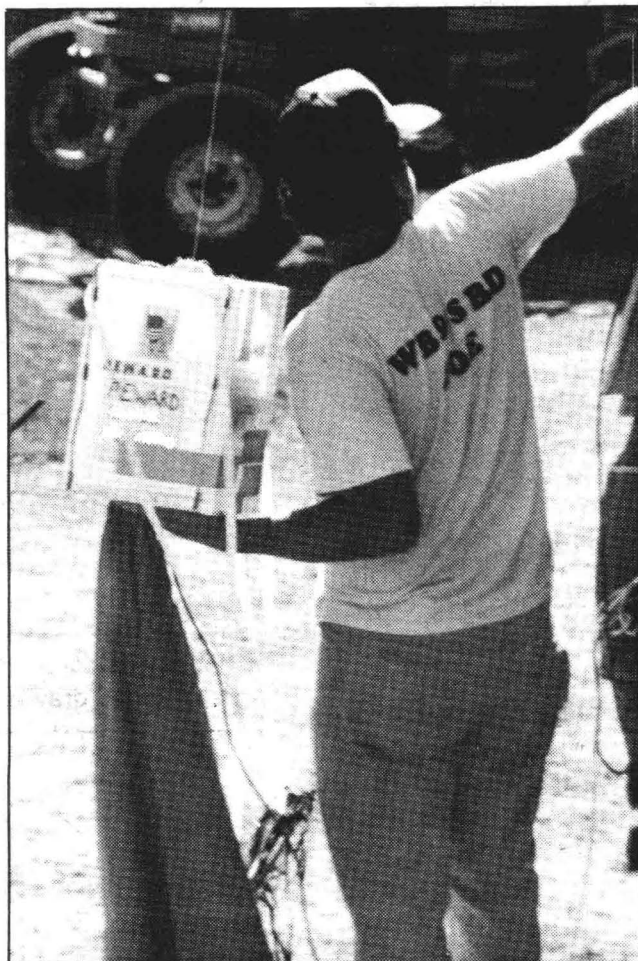
October 19, 1991: Launch time 1100 UTC, from Veedersburg, IN.

This flight may of special interest to hams who have good contacts with a local high school or college. It will use some of the equipment which will have been tested on the September 7 flight (listed above).

On board will be a live video camera and an ATV transmitter on 439.25 MHz. If the 1277 MHz ATV receiver performed properly on the September flight, it will also be on this flight. The result will be not only a full-fledged ATV repeater, but live television pictures from the balloon as well.

FRANKLIN HIGH SCHOOL EXPERIMENT: This flight will also carry a two-meter receiver which will help perform the function of a crossband repeater. Transmissions received on 2 meters will be downlinked on the video ATV transmitter, both on carrier and subcarrier. Since this the Franklin school's experiment, schools will have first priority on use of the crossband repeater. The number of schools allowed to take part is limited to a total of 24, with 12 already registered for the experiment. *Let's have some Wisconsin participation in this project!* If you and a school are sincerely interested in taking part, please contact me. I will put you in contact with the project's coordinator. After the schools have had a chance to make contact with the balloon, the project's controllers will open it to general ham use.

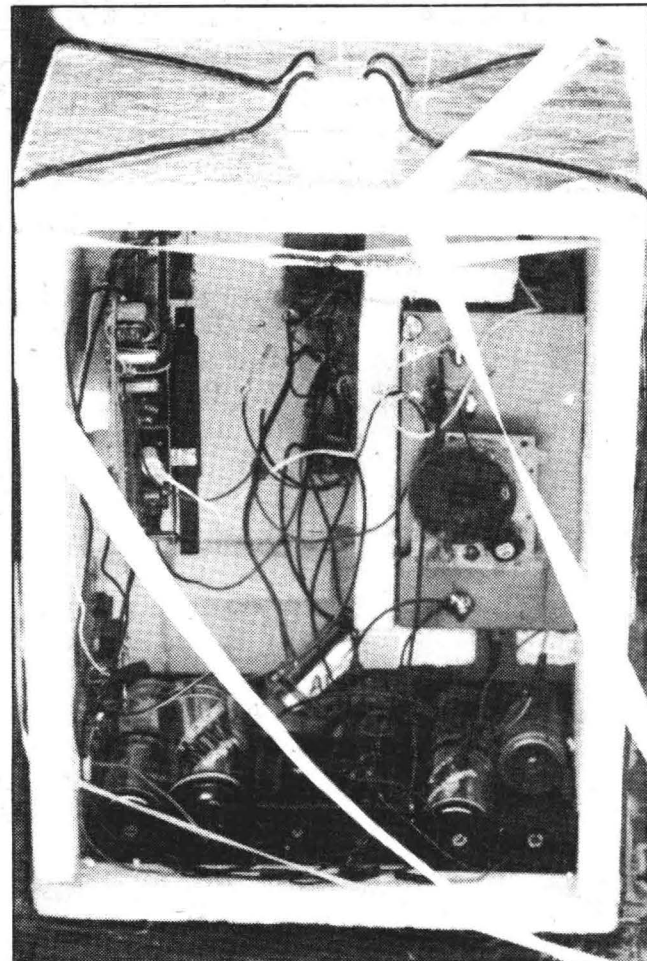
Rocktoon: The weekend following the above experiment, an attempt will be made to launch this long-postponed experiment. It is an incredibly complex project, consisting of a gigantic, fifty foot



Joe Mayenshein, WB9SBD, holds the balloon-carried repeater package during launch preparation. This photo shows the size of the package.

tall balloon which will carry a 75-pound rocket to around 100,000 feet. Then, the rocket will fire, possibly reaching an altitude of over 200 miles. Dates, times, and frequencies are to be announced later.

That's it for now. If you have questions, or if you would like to donate for future flights here in



This is the interior of the repeater package. The repeater was carried to an altitude of over 100,000 feet during its first and very successful flight of August 4, 1991. - Photos by Karl Simonson/KB9EQI

Wisconsin, please write to me. For future flights, we are seeking for a small, low-power (1 watt or so) ten-meter SSB transceiver, such as an AEA DX Handy. We can also use a 222 MHz transmitter or receiver, and a 440 MHz transmitter or receiver.

73 for now. See you next month. □

Taylor County Area Amateur Radio Club

Rolland Walty, W9LEE, Secretary

W4117 Highway 102 • Westboro, WI 54490

Next meeting: September 12 at 7 p.m. in the Taylor County Courthouse Annex, 2nd and Ogden, Medford, WI.

Two-meter net each Wednesday at 8:30 p.m. on the Medford repeater (147.15 +600). All checkins are welcome!

Minutes of August 8 Meeting

The meeting was called to order at 7:12 p.m. by President N9GEN. Members attending were N9GEN, W9QHI, N9GHZ, WD9FWP, W9LEE, W9FPE, KA9BLV, and N9IDW. Also present were N9LIE and N9LHY.

Minutes of the last meeting were read and approved. Treasurer's report given and approved.

A VEC test session in Medford on October 5 was approved. Possible sites under consideration are

the VFW Hall, the Multi-Purpose Building on the Fair Grounds, the Senior High School, and the NCTI branch campus.

N9GHZ reports that the lights on the tower on which our repeater antenna is mounted are now working properly. (This news was greeted with a collective sigh of relief!)

A motion was read and approved to have a subscription to *Badger State Smoke Signals* sent to the Medford Public Library.

There was a discussion of the possibility of linking of the Medford and Sheldon repeaters. N9LIE, owner of the Sheldon machine, expressed interest in the project. Technical considerations will be investigated and reported on soon.

N9GEN reported that electrical leakage tests are underway at the Weather Shield plants, which are suspected of being the cause of our repeater inter-

ference problem.

The matter of the Boy Scout Explorer Post was discussed. A motion to proceed with the project contingent on obtaining insurance of adequate liability coverage was proposed, but was tabled until input from absent club members is obtained.

There being no other business, the meeting adjourned at 8:35 p.m.

Rolland Walty, Secretary

When ordering or inquiring about products or services in ads or in the New Products column, be sure to mention you read about it in *Badger State Smoke Signals!* □

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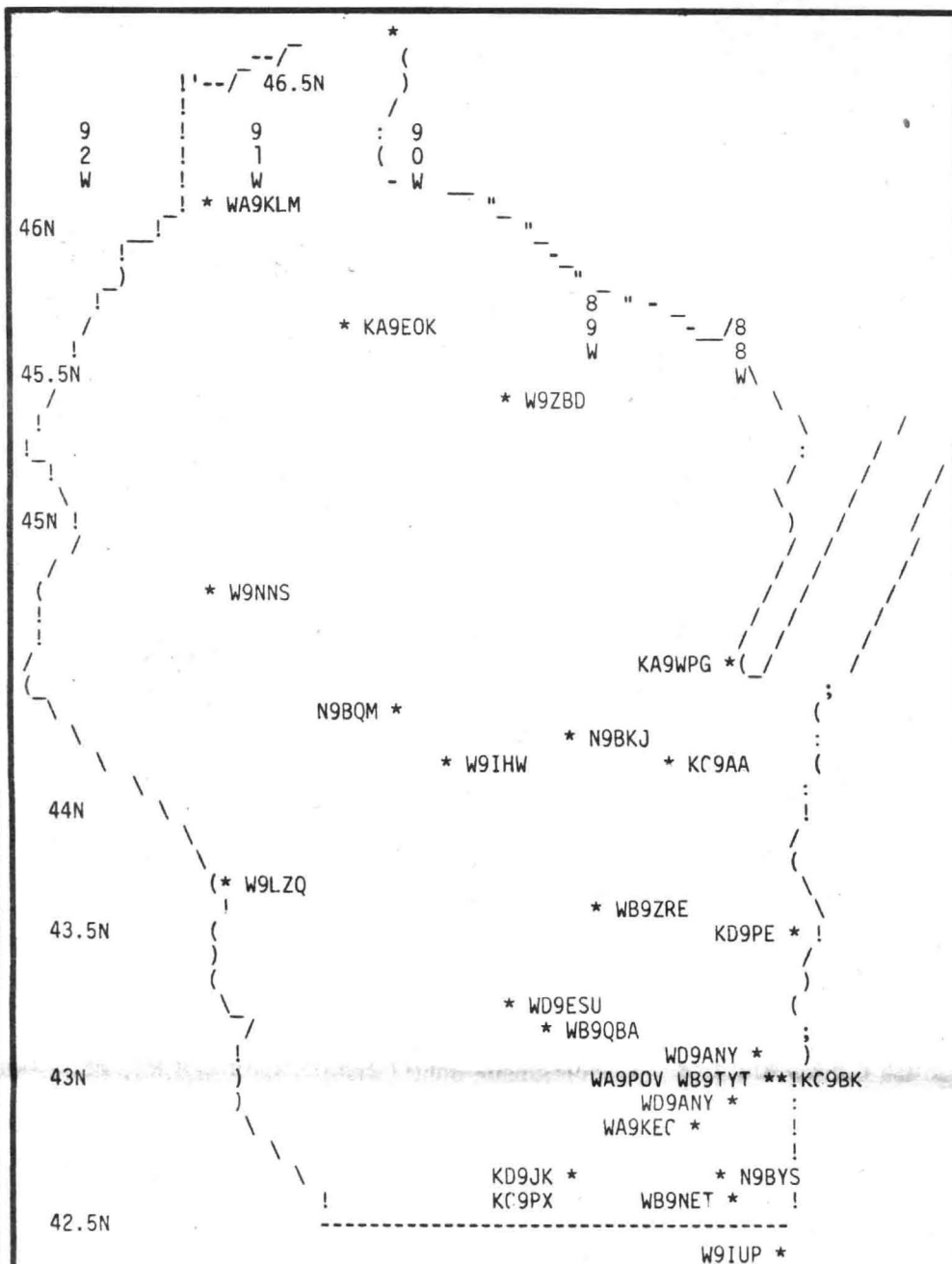


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Wisconsin Amateur Packet Radio Bulletin Board Stations



Call	Alias	Type	Frequencies	SVR	Location
KA9EOK		MSYS	1.11 145.010 - 50.740	N	Park Falls
KA9WPG	WIGBAY	MSYS	1.09 145.010 - 145.050	N	Green Bay
KC9AA	WIAPP	MSYS	1.11 145.010 - 145.650	N	Appleton
KC9BK	WIBDR	MSYS	1.11 145.690 - 22x.xxx	N	Brown Deer
KC9PX		MSYS	1.11 145.070	Y	Janesville
KD9JK	WIJVL	MSYS	1.11 145.070 - 223.580	Y	Janesville
KD9PE		MSYS	1.10 144.990	N	Sheboygan
N9BKJ	WIWAP	MSYS	1.11 145.010 - 145.650	N	Waupaca
N9BQM	WIPIT	MSYS	1.11 145.010 - 145.630	N	Pittsville
N9BYS	WIBUR	MSYS	1.10 145.530 - 223.580	Y	Burlington
W9IHW	WIPED	MSYS	1.10 145.010 - 145.630	N	Pt. Edwards
W9LZQ	WIONA	MSYS	1.11 145.010 - 145.090 - 223.420	N	Lacrosse/Onalaska
W9NNS	WICFBB	MSYS	1.11 145.010 - 145.690	Y	CHIPPEWA FALLS
W9ZBD	WIRHI	MSYS	1.11 145.010 - 14.111	N	Rhinelander
WA9KEC	WIBBS	MSYS	1.10 145.070 - 145.090 - 223.580	N	North Prairie
WA9KLM		MSYS	1.09 145.010	N	Superior
WA9POV		MSYS	1.11 145.090 - 446.100	N	Milwaukee
WB9NET	CDROM	MSYS	1.11 145.530 - 223.400 - 223.580	Y	Silver Lake
WB9QBA		MSYS	1.11 145.070	Y	Sun Prairie
WB9TYT	TYT	MSYS	1.11 145.690 - 22x.xxx - 14.107	Y	Milwaukee
WB9ZRE		MSYS	1.11 144.970	N	Ripon
WD9ANY	NWB	MSYS	1.11 145.090 - 10.149	N	New Berlin
WD9ESU		MSYS	1.11 145.010 - 145.070	Y	Lodi
W9IUP		MSYS	1.11 145.050	Y	Gurnee, IL
KB9DIP		MSYS	1.11 145.050	Y	Arlington, IL
N8IYB		MSYS	1.11 145.010	Y	Marquette, MI
W8YY		MSYS	1.11 145.010	Y	Houghton, MI

SVR Column: If a Y, The BBS will recognize & send by return mail it's Directory if sent a REQDIR or a file if sent a REQFILE automatically & is recognized as a FILE SERVER. If a N, These BBS's are not active FILE SERVERS.

Note: WB9NET & W9IUP have REQTH active also.

Please send any corrections & additions to me ASAP for next update.

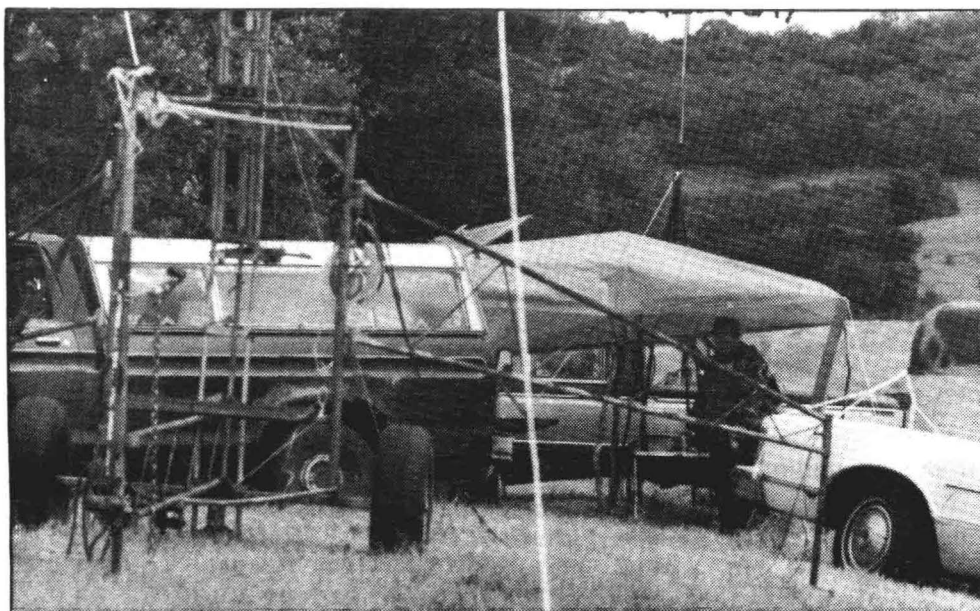
Send to WB9TYT @ WB9TYT.#MKE.WI.USA.NOAM

WAPR 8/15/91

Information about and from the Wisconsin Amateur Packet Radio Association is published every month in *Badger State Smoke Signals*.

Field Day 1991 ■ Riverland Amateur Radio Club

WT9M • Class 2A • 7 Miles Northeast of Holmen, Wisconsin



The above photo is an overall view of the Riverland Amateur Radio Club's Field Day operating site. In the photo at right, Tom Gromacki, N9KIA, operates SSB, as Bob Wilson logs. Bob wasn't licensed at Field Day time, but he is now



N9LZK. The call sign used, WT9M, is that of Larry Kapp. Thanks to Karl Simonson, KB9EQI, for the info, and to Kent Helman, W9LZQ, for the photos. It goes without saying that a good time was had by all!

Wall Eye Net Gang Meets at South Milwaukee Swapfest

The Wall Eye Net's regular participants and a number of visitors stopped to visit at the net's table at the South Milwaukee Swapfest on July 6, 1991. Seven of the net's usual gang, along with ten others, enjoyed in-person visits at the 'fest.

Those who signed in were Chuck (W9COG), Bill (K9AJF), Lou (KA9WWY), Dan (W9DB), Ole (K9AKG), Cheryl (WS9P), Norm (W9VST), Jim (K9ERO), Ruth (KB9RB), Charlie (K9IS), Warren (W9HHC), Erv (W9RZW), Bill (W9OVZ), Bob (W0WLN), Ed (W9AY), Art (KB9DJN), and George (N9HI). Bill, Lou, Dan, Ole, Norm, Jim, and the other Bill are the "regulars."

The Wall Eye Net operates every Sunday morning from 8 a.m. to 9 a.m. on 3923 KHz, and has been going for eighteen years. Bill, K9AJF, is net control, but is called the "Kingfish" of the net. Ole, K9AKG, has been a regular since the net's inception in 1973.

It was Norm, W9VST, who dubbed it the Wall Eye Net, although there is very little talk about fishing. All sorts of topics are discussed, and there is always a lot of humor and good will dispensed.

The annual "eyeball" at the South Milwaukee Amateur Radio Club's annual swapfest has been going on for about 12 years. A couple of years ago, the net members had "The Great American Apple Pie Bakeoff". But, Bernie, W9MNX, showed up with a delicious cheesecake and won the contest - typical of the Wall Eye Net.

Any and all stations are welcome to stop in any Sunday morning and say "Howdy." You can get a signal report, the time, the weather, and a cheerful greeting.

- William T. Lewis, K9AJF
2659 Westmoor Road
Oshkosh, WI 54904-7718

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American Radio Relay League Offers "Tech-Plus" Database

Continued from front page

poration. In a white paper distributed to VECs on July 24, ARRL said, "Creation of a new corporate structure would simply create an additional liability for the individuals chosen to be directors or their corporation without reducing their liability, or anyone else's, for the actions of the VECs with which they are associated.... Far from providing a protective shell against liability, creation of a new corporation would simply provide an additional target for legal action."

Accordingly, the League has cast a vote against incorporation and has urged other VECs to do the same.

To solve the problem of funding the Technician-plus database, ARRL has offered to maintain the database on its own computer at no cost to participating VECs, forwarding the information to the FCC as required. ARRL already has a copy of the FCC amateur licensee database on its computer, and

receives periodic updates.

About half of the "Technician Plus" information originates with the ARRL VEC. In addition, ARRL has a special interest in seeing that the data is maintained because of its agreement with the FCC Field Operations Bureau (FOB) to establish an Amateur Auxiliary to the FOB to foster self-administration and self-regulation of the Amateur Radio Service.

VEC Moderator Steps Down

Long-time moderator of the annual conference of VECs, Joe T. "Tom" Ingram, K4OOV, has resigned. In a July 29 letter circulated to the VECs and to a number of FCC officials, Tom cited family and personal considerations for his decision "with great reluctance" to step aside.

"As moderator, Tom filled an important role and helped make the national conference of VECs a significant event," said ARRL Executive Vice President David Sumner, K1ZZ. "His contributions to the smooth operation of the Volunteer Examiner system should be appreciated by all who have benefitted from the program."

- The ARRL Letter, 8/7/91

New Products



AMERITRON QSK-5 ELECTRONIC T/R SWITCH FOR LINEAR AMPLIFIERS

Ameritron announces the release of the new, ultra-fast QSK-5 T/R Switch for \$349.00.

Electronic T/R switches like this rugged new Ameritron QSK-5 are the best solution to the noise and speed problems associated with vacuum relay T/R switching. It gives you switching over 6 times faster than a vacuum relay, and works with any linear amplifier.

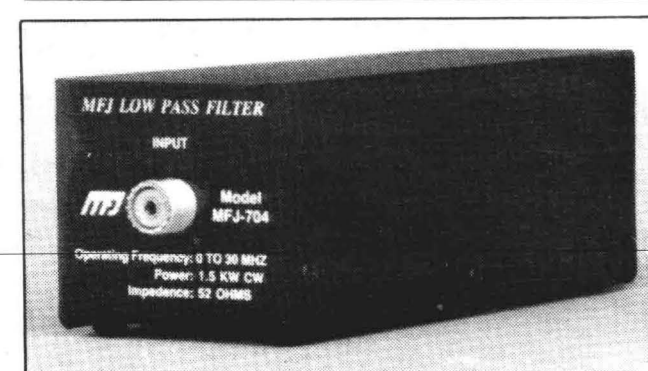
The self-contained QSK-5 provides full CW break-in and rapid switching in digital modes like packet and RTTY, as well as faster, quieter switching in SSB. It operates on a regular 120 VAC outlet.

The QSK-5 handles 2500 watts PEP and 2000 watts CW in normal amateur service when the SWR is below 1.5:1. It handles 750 watts on continuous carrier modes such as RTTY and packet. An optional cooling fan (CF-5, \$39.95) allows sustained operation at 1500 watts in any mode.

To order, contact any Ameritron dealer. For more information, or for the location of your nearest

Ameritron dealer, contact Ameritron, 921 Louisville Rd., Starkville, MS 39759, telephone (601) 323-5869; FAX: (601) 323-6551, or call toll-free (800) 647-1800.

- Ameritron news release



MFJ-704 LOW PASS FILTER

MFJ Enterprises, Inc. announces the release of the new MFJ-704 Low Pass Filter for only \$39.95.

The new MFJ-704 reduces TVI caused by harmonics and spurious signals that may be generated by your HF rig. It provides attenuation to frequencies above 40 MHz. It uses a proven, nine-pole Chebyshev low-pass filter design, using exclusive new MFJ low-pass filter technology. The MFJ-704 measures a compact 8-3/4"D x 2-3/4"W x 3"H.

It handles a full 1500 watts of power with low SWR. Insertion loss is less than .5 dB.

It comes with MFJ's one-year unconditional guarantee.

For more information, or to order, contact any MFJ dealer, or MFJ Enterprises, Inc., P.O. Box 494, Mississippi State, MS 39762, or call (601) 323-5869; FAX (601) 323-6551; TELEX 53 4590 MFJSTKV, or order toll-free at (800) 647-1800.

- MFJ news release

Great Weather for Picnic Ham

John Leekley, WB9SMM, our Section Emergency Coordinator, knows weather like an expert; maybe he can even predict weather. The first *Picnic Ham* on August 4th, organized by John, had ideal, sunny weather all day.

Several hams and spouses came the night before to camp in the picturesque Menomonee Park, which is near Menomonee Falls and Lannon. It was immediately apparent that the \$3.50 park admission keeps grounds in excellent order.

The picnic was to be held within reserved picnic area #1, on the southeast side of Quarry Lake. But ham campers already set up several hundred feet to the southwest thought it more convenient to have activities stationed there. Ham radio activities were to start at 11 a.m. on Sunday, but many hams were there early. A paper plate marked *Picnic Ham* fastened to a post along the road got most folks to the new spot.

A 1-ounce weight attached to a fish line was

fired by sling-shot into a tree, then a long wire antenna was pulled up. A 12-volt battery powered a TS-520 transceiver in a tent on 14 MHz CW. W9VBQ, using a hand key, QSOed K4SFO in Liberty, NC, and then K1SSN, a Naval Sub Base in Groton, CT. Several foreign stations were heard, but could not be worked because of band conditions. Most everyone brought some form of radio.

Picnickers brought their own food, except for a white Highland Terrier, the K9 of the group, who was delighted to eat a couple of bar-b-que'd sausages John had left over.

Folks kidded KA9WRL, who has been a Scoutmaster for many years, for going camping on his leisure time when he's not scouting. Many people came as they could find time and radioed their friends to attend. There was some cooking and chatting. We even saw some people on horseback ride past on the bridle paths.

- Richard R. Regent, K9GDF
5003 S. 26th St., Milwaukee WI 53221

New Products

ICOM IC-2410A/H 144 AND 440 MHZ DUAL BAND TRANSCEIVER

Icom announces the new IC-2410 A/H 144 and 440 MHz dual band transceiver. Setting the pace in mobile technology, the new IC-2410A/H mobile does it all! Revolutionary features include simultaneous receive on the same band, microphone control, and optional remote control.

Classy and Compact: The sleek design of the IC-2410A/H makes it one of the smallest dual band transceivers in its class, measuring only 5.5"(W) X 1.6"(H) X 6.9"(D), and weighing just three pounds.

Simultaneous receive on the same band: The new IC-2410A/H will make history in the dual band mobile market with this new feature! In addition to receiving two bands simultaneously, it is the first mobile to receive two frequencies simultaneously on the same band.

Versatile output power: The IC-2410A/H comes in two versions. The IC-2410A puts out a maximum of 25 watts on both UHF and VHF. Maximum output power for the IC-2410H is 45 watts on VHF and 35 watts on UHF. Both versions offer high, medium, and low power settings.

Microphone controllable: A variety of operations can be controlled with the HM-56 DTMF hand microphone and optional UT-55 DTMF encoder/decoder, such as: setting the MAIN band on VHF or UHF, entering memory or VFO mode, direct entry of frequencies and memory channels, selecting HIGH or LOW power, plus a number of other features.

Optional external remote control: Use other handhelds or transceivers capable of DTMF operation to remotely control the IC-2410A/H (optional UT-55 DTMF encoder/decoder unit required). You can even have the frequency read back to you via your remote synthesizer, by installing the optional UT-66 voice synthesizer.

Crossband repeat: The IC-2410A/H has crossband repeat capability with repeater offsets on both bands. When in crossband repeat mode, the IC-2410A/H is capable of receiving a sub tone on the input frequency while transmitting a different sub tone on the output frequency (optional UT-67 tone squelch unit required).

36 memory channels: Each band is equipped with fifteen memory channels, 2 scan edge channels, and 1 call channel. Plus, the HM-56 microphone has 14 DTMF channels. Ideal for autodialing!

The IC-2410A/H also includes many other popular features, such as separate volume controls for each band, a variety of scan modes, built-in duplexer, memory to VFO transfer capability, RF attenuator, optional pager and code squelch units, optional tone squelch and pocket beep units, selectable intensity for LCD and 1 MHz step tuning.

The new and innovative IC-2410A/H is currently available. Suggested retail price for the IC-2410A is \$855.00. Suggested retail price for the IC-2410H is \$899.00.

The first production run of the IC-2410A/H is a special limited edition. To purchase your Limited Edition IC-2410A/H, contact your local Icom dealer today!

- Icom news release

RADIO EXPO

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21st & 22nd**

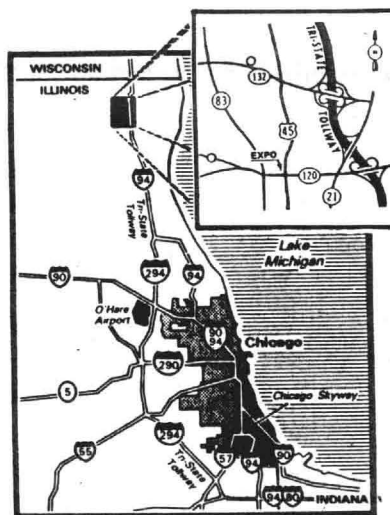
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**Exhibits
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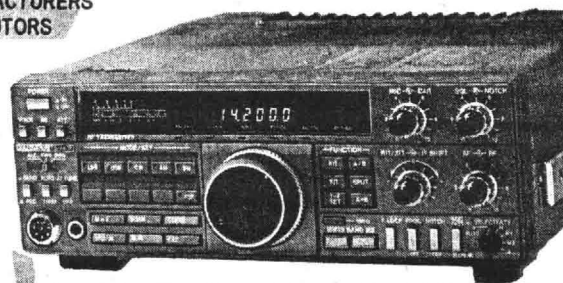
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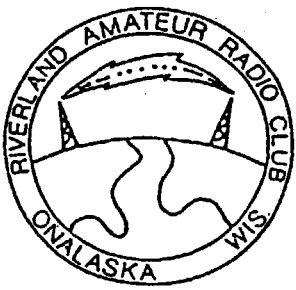
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Riverland Amateur Radio Club

Karl Simonson, KB9EQI, Secretary

P.O. Box 2251 • La Crosse, WI 54602-2251



Meeting Minutes August 2, 1991

The August 2nd meeting of the Riverland Amateur Radio Club was called to order at 7:45 p.m. by President Walt Altus, AA9AW.

Guests were asked to introduce themselves. The guests were Larry, KB9FKI; Bob, N9LZK; and Brian, N9IWP.

The secretary's report was called for and read by Secretary Karl Simonson, KB9EQI. The report was approved with a correction that the show and tell program for the September meeting is open for all. Anyone can bring their item(s) for show and tell.

The treasurer's report was given by Treasurer R.B. Boomer, WF9T. A motion was made to approve payment for trailer lettering and insurance renewal by WF9T, and seconded by Charlie, KA9UUK. The motion was approved and the treasurer's report was approved as stated.

Feroz, WU9N, gave a report as program committee chairman. There will be a picnic on August 17 at 2 O'clock p.m. in Perrot State Park at Trempealeau, WI. The picnic is to be a get-together for the Winona and Riverland clubs. A \$2.00 fee for parking will be charged to those who do not have a park admission sticker. Attendees are asked to bring their own food and beverage, and a dish to pass. Grills, condiments, and paper supplies will be provided by the clubs.

Feroz also had a list of items needed to facilitate comfortable and adequate operation of the emergency communications trailer during an emergency situation. Ideas for the appropriate supplies were derived during actual use in the recent drill at Alma, WI and the Stockton, MN flood.

Charlie, KA9UUK, suggested that some of the items may not be necessary. He also indicated that some people are able to donate their time and effort while others can offer financial support, and that no one should be criticized for their contributions.

Kent, W9LZQ, presented photos of the recent drill and flood activities. The photos were taken by Dallas, K9LEC; Feroz, WU9N; Van, WA9FIO; and Kent, W9LZQ. Kent also said that there will be a critique of the ARES activities (flood and drill) on Saturday, August 10th at 9 a.m. at Fayzes in La Crosse. Kent reported that the communications provided were very much appreciated and that the officials involved were highly impressed. A S.E.T. test is scheduled for October 19 and 20, 1991. La Crosse County Amateur Radio Emergency Service members will be participating.

Dick, K0JYB, reported that the books that were purchased by the club for libraries in the area are being distributed. The books are the new *Now You're Talking* publication.

Karl, KB9EQI made, and Tom, N9KIA, seconded a motion to compensate the land owner of the property used for Field Day. The land owner will be paid \$20.00 for his services and hospitality. The motion carried.

Walt, AA9AW, suggested that the club pay the carpenter that is refurbishing the trailer for materials expenses prior to job completion. Kent, W9LZQ, moved, and Feroz, WU9N, seconded the motion to pay the carpenter \$150.00 for materials purchased. The motion was approved.

Walt gave an update on the trailer refurbishing progress. Electrical work is being conducted at the current time. Suggestions were heard as to where outlets will be located and the addition of a fluorescent worklight above the operating position for night operation.

Charlie reminded the secretary that an inventory list is to be compiled and distributed to the membership.

Arby, WF9T, addressed the membership with a reminder that the portable tower is still in need of repair or replacement. Comments were heard as to the specifications desired for a replacement. Karl, KB9EQI, and Arby, WF9T, volunteered to research the replacement.

New Business

Van, WA9FIO, gave a report on some repeater difficulties and offered suggestions on how they might be corrected. A PL tone encoder used during weather nets is coming on at random when the net is not active. The matter is being investigated.

Feroz, WU9N moved, and Scott, KA9FOX, seconded a motion to extend the meeting. Motion carried.

Walt, AA9AW, informed us that Karl Olberg, W4ST, is hospitalized.

Feroz, WU9N, said that a master plan is needed for the trailer. The plan will facilitate member awareness of what is being done.

Feroz also stated that there has been some malicious interference on the repeater. The interference is illegal, and could jeopardize the club and the repeater trustee's license.

Charlie, KA9UUK, said that we need to start planning for the fall hamfest if we intend to have the event. Planning also needs to get underway for the annual club dinner.

Rick, KV9U, moved for adjournment. Feroz, WU9N, seconded the motion. □

Meeting Attendees

John Jorenby
John Young

KA9ETH
W9KAZ

La Crosse County Amateur Radio Emergency Service and Riverland Amateur Radio Club

Drill and Emergency Participants

July 21-28, 1991

Don Elsner	KS9F
Bruce Bjerstedt	K9CUT
Greg Miller	KA9FOZ
Feroz Ghouse	WU9N
Al Skwiercz	W9QHN
Duane Fruechte	W9HWQ
Karl Simonson	KB9EQI
John Jorenby	KA9ETH
Marshall Kiel	N9FVU
Rich Koebernick	KA9ZZK
Dan McKenzie	WC0V
Dallas Miller	K9LEC
Nook Bentzen	K9EGO
Jim Summers	WB9QFC
Jim Brooker	N9DBK
Dick Low	K0JYB
Van Elston	WA9FIO
Kent Helman	W9LZQ

Thank you, everyone, for your help. The services you rendered are PRICELESS!

Donations for the Riverland Amateur Radio Club Trailer

Walt Altus	5 1/4" disk drive for computer
Van Elston	5/8 wave 2 meter antenna
Kent Helman	Tandy 1000 computer
John Jorenby	printer for computer
Charlie Burch	\$150.00
Winona Amateur Radio Club	\$75.00

Scott Hurd	KB9GCV
Walt Altus	AA9AW
Hugh Barker	KA0EJZ
Don Elsner	KS9F
Rick Williams	KV9U
Dean Summers	KQ0C
Jim Brooker	N9DBK
Ken Eggen	WA0RBU
Charlie Burch	KA9UUK
Dick Low	K0JYB
Wid Johnson	W9DM
Maty Johnson	Wid's XYL
Ron Reed	KD9OY
Roger Reader	KA9BKK
Van Elston	WA9FIO
Art Osborn	W0JDC

Please turn to page 13

NASA HF Shuttle Tracking Frequencies

Here is a list of high frequency stations using SSB during space shuttle flights. Frequencies are in Megahertz. Upper sideband is used, except where noted otherwise.

2.622	NASA booster rocket recovery	7.765	NASA tracking
2.678	Cape radio range	10.780	USAF Cape radio (primary)
3.385	NASA tracking	11.205	NASA Pacific operations
3.395	NASA tracking	11.407	NASA booster rocket recovery
5.190	NASA tracking vessels	13.170	NASA aircraft
5.518	NASA tracking	14.456	NASA tracking
5.810	NASA booster rocket recovery vessels	20.183	NASA tracking
6.693	NASA aircraft	20.197	Ascension Island (LSB)
6.708	NASA aircraft	20.390	USAF Cape radio (secondary)
6.783	NASA tracking	20.393	NASA tracking
6.896	NASA aircraft		
6.983	NASA tracking		
7.461	NASA airport		
7.675	NASA Kennedy operations		

- VK4AL, via Bill, N4WF, via packet radio

Field Day 1991 ■ Washington County Amateur Radio Club

W9SIZ • Class 1A • St. Lawrence Fire Department Picnic Grounds • St. Lawrence, Wisconsin



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September 21 & 22, 1991

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Talk-in on 146.16/76 W9UVI

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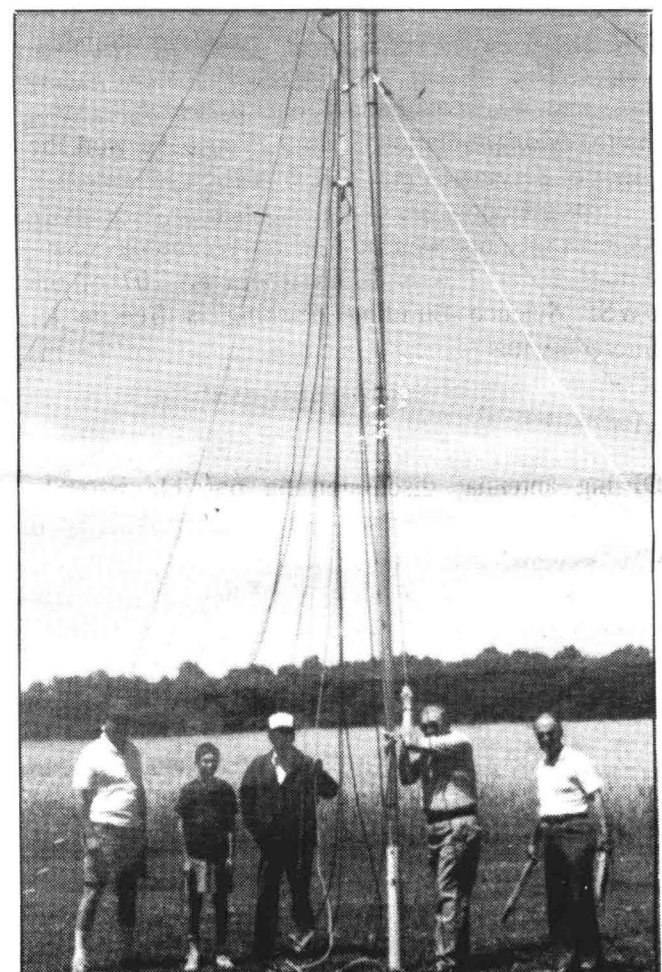
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Peoria, Illinois 61612-3508

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The FRIENDLIEST HAMFEST in the MIDWEST



In the top photo of the Washington County Amateur Radio Club's 1991 Field Day operation are Paul Ripple, W9SIZ (center), and Don Woelz, K9GR (right). They are working 40 meter CW. Logging, at left, is Brian Woelz, son of K9GR. In the bottom picture is the antenna party. The crew is, left to right, Don Woelz, K9GR; Brian Woelz; Harold Degner, N9JNZ; Sherm Carr, W9NGT; and Paul Ripple, W9SIZ. - Photos by Neal Degner/WA9WYI

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WATTS SNOO



WB9QFW 2-Meter Repeater 146.07-.67 and Club Station

P. O. Box 847 • Plover, WI 54467

August 1991

Submitted by Mike Pagel, KA9LAQ

There was no business meeting in the month of August, so there are no minutes to report. The club did, however, sponsor a Fox Hunt on Sunday, August 11. N9CGV (Joe Omernik) served as the Fox, and was eventually found by N9IAT (Mike Smith). Congratulations, Mike! You have won the honor of serving as the 1992 Fox!!!

All members are reminded that the September business meeting will be held on Wednesday, September 11 at 7:30 p.m. in Room #A-107 of the UWSP Science Building. Parking is free in all University lots (except at metered stalls) after 7 p.m. Likely topics include fall Novice/Technician classes; a possible equipment purchase for the club station; progress report on the restoration of the vandalized DF'ing antenna; discussion on possible monthly "Open House" programs at Club Station that could be publicized to promote Amateur Radio.

The September meeting also features the Annual election of officers. President, Vice-President, Secretary/Treasurer, Engineer and Special Events offices are all available.

NOTE: The person elected to the post of Secretary/Treasurer should assume responsibility for the submission of minutes to the BSSS. The President for the past three years has also prepared the minutes for publication, a situation that will come to an end with the September meeting.

Members are also reminded that September 30 is the end of our membership term. Your dues need to be paid by that date if you wish to continue the privileges of membership. PLEASE bring your check book to the meeting, or send your check to the CWRA, Box 847, Plover, WI 54467. Regular dues are \$15, \$5 for first year Novice members, and \$3 for students. Family members of paid members holding valid Amateur Radio licenses are extended full privileges as part of the single regular dues (only

one copy of the BSSS per family member, however). Your dues provide you with autodial privileges, 24 hour access to a well-equipped club station, the opportunity to check out and use a wide range of equipment in the club inventory, and a subscription to the BSSS.

Editorial

Mike Pagel, KA9LAQ

Several Ham circulars have, in recent weeks, published letters and articles submitted by members of the Amateur Radio fraternity who have taken up the sport of bashing newcomers. While sociologists would probably blame their aggressive and punitive attitudes on traumatic childhoods, I prefer to attribute their smug assertions of superiority to their highly selective memories. They must have forgotten the errors they committed as newcomers to the hobby or, perhaps, they might be motivated by the memory of the thrashing they received at the hands of some curmudgeon back when they were newcomers to the hobby.

Mistakes are going to be made by newcomers, regardless of their level of code proficiency. *They learn from their initial mistakes with the help of a veteran who cares enough get involved as a mentor.* On the other hand, shaky newcomers can be punished for their inexperience by those who choose to judge and punish rather than teach and improve.

When I was a kid, my hometown (Wautoma) was very serious about voter turnout. In front of a downtown grocery store was a caged duck beneath a sign that read "I don't vote - I just squawk".

This column has said it before, but it bears repeating here. If you are not part of the solution, you are contributing to the problem. In an era where the half-life of a technical education is down to only 5 years, change is not only inevitable but desirable

in this high-tech hobby if we are to survive. Change can be an opportunity and it need not be the crisis some find it to be.

Technical innovation may alter Amateur Radio at an accelerating rate but civility, politeness and common sense are timeless. Ham Radio is not entirely about technology, after all, but about the people who populate our ranks and use that technology to communicate with one another. Courtesy and assistance to newcomers represent the very best traditions in our hobby, provided that we make the individual effort to retain these behaviors.

How many people do you know who cannot program their own VCR or microwave oven? Is it any wonder that a rookie would be a bit overwhelmed by any one of today's HT's or HF rigs?

To those of you who detest error-prone and inexperienced newcomers (especially the No-Code variety), I ask that you consider the future of this hobby before you react to situations that you feel strongly compelled to respond to. *You'll get better results if you extend a helping hand instead of using the back of it.*

Quote of the Month

"Every time we were beginning to form up into teams we would be reorganized.....I was to learn later in life that we tend to meet any new situation by reorganizing; and a wonderful method it can be for creating the illusion of progress while producing confusion, inefficiency, and demoralization."

(Petronius Arbiter, 210 B.C.)

The Name Stays the Same!

Several issues ago, we mentioned the possibility of changing the name of *Badger State Smoke Signals* to something more descriptive of the newspaper's content. Only 4 comments were received, all saying keep the name as it is! And so, we shall do exactly that. Thanks to those who passed their views along to us.

- Editor

Riverland Amateur Radio Club

Continued from page 11

Joe Mezera
Feroz Ghouse
Tom Gromacki
Greg Miller
Les Jenks
Arby Boomer
Judy Williams
Brian ???
Scott Neader
Kent Helman
Robert Wilson
Larry Olson
Karl Simonson

WA9SOQ
WU9N
N9KIA
KA9FOZ
W9AKY
WF9T
N9LGV
N9IWP
KA9FOX
W9LZQ
N9LZK
KB9FKI
KB9EQI

□



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Eau Claire Amateur Radio Club

Carl Searing, W9NW, Secretary

1129 McKinley Road • Eau Claire, WI 54703-2219

Minutes - Meeting of 13 August 1991

The meeting was held at Cray Research Facilities in Chippewa Falls, and was opened by W9NNS at 7:44 p.m. with 43 members and guests present.

Secretary's and treasurer's reports were read and approved.

Receipts from the Hamfest showed that it was our best ever. W9NNS commented that the date for next year's event is not yet set, due to conflicts with other Hamfests. This is to be resolved very shortly. The membership is reminded that we will have a much larger site next year, at the Fairgrounds in Chippewa Falls.

While on the subject of the Hamfest, rounds of applause were given to those who volunteered in various capacities to make the event a success.

N9JMA described three upcoming events in the area requiring volunteers for communications. Although some members signed up, more are needed.

There was some description of abuses on the local repeaters. Methods of handling these were discussed.

The by-laws committee pointed out that an election for repeater directors was not held last March, as called for in the by-laws. The club acted to appoint the present officers as directors until time for the next election. Repeater trustees will remain the same until next February.

Jeff Sorte, N9JMB, EC for Eau Claire County, has appointed Jim Fitzl, N9LIJ, as Assistant EC. N9ISN, EC for Chippewa County, has appointed Mike Ceraso, N9JMA, as Assistant EC. All are members of the Eau Claire Amateur Radio Club. N9JMB requested permission to use the 31/91 repeater for public events, ARES activities, drills, and real-life emergencies and disaster situations. This was granted.

The program was a guided tour by our Cray host, Gale Sorum, WD9HFT, of the Supercomputer Museum, not yet open to the public. The Museum was very impressive, in spite of the fact that only about one-quarter of its holdings were on view due to limited space. We understand that there will be a move later to a permanent site.

The September meeting will be at the Wisconsin Public Broadcasting facility on Clairemont Avenue. Look for the 300' tower. It's just east of the new bridge construction over the Chippewa River. Lunch Committee will consist of WU9R and WD9IJY. Host will be Ken Dicks, KE9CS.

The meeting adjourned at about 9:30.

Respectfully submitted:
W9NW, Secretary

Yellow Thunder Amateur Radio Club

Duane Grotophorst, KA9HKL, Secretary

K9ODK
WB9FDZ

E5767 South Line Road • Loganville, WI 53943



Minutes of August 14 Meeting

The meeting was called to order by President Art Kleefisch, W9WSS, at 7:44 p.m. The following members and guests were present:

Harry Westlund, K9EHJ	Baraboo
Rohbert Hemmer, N9LKX	Baraboo
L.J. Hemmer, WB9TJF	Baraboo
Duane Grotophorst, KA9HKL	Loganville
Bill Klinkner, N9KXX	Sauk City
Harold Reif, KA9YQP	Baraboo
Art Kleefisch, W9WSS	Baraboo
Tom Thomson, N9LLF	Sauk City
Bob Sauvan, WT9Q	Sauk City
Jack Kirner, N9LKZ	Prairie du Sac
Ken Ebner, K9EN	Portage

Upcoming meeting dates are:

Thursday, September 12	Room 24
Tuesday, October 15	Room 14

After a round of discussions, I gave a report on the VE test session that was held on July 20, with six people either upgrading or going home with new licenses.

The next item of discussion was the letter and request that I received from the Sauk County Emergency Government for a list of Amateurs in the Sauk

County area. I will be making a list with the help of Jim, WB9UQT, and sending it to the Sauk County Emergency Government office.

The club members voted to accept a new member - congratulations to Raymond Matlosz (call pending) on passing his General class ticket, and becoming a new YTARC member.

Buck Nite winner was Jeremy Wight, WB9NVI, who was not present. Next month's booty will be five bucks. (Forget Lotto America.... come to the next YTARC meeting!)

The meeting was adjourned at 8:40 p.m.

After the meeting, Art, W9WSS, gave a program on antennas, focusing on J-Poles and his experiences with them - good, bad, and confusing - working with them. He described some of the things that he will be trying, and we'll see how those ideas worked at some later date.

Duane Grotophorst, Secretary

A Step in the Right Direction

Dick Sisson, W5ONL, of Racine, Wisconsin, has helped many people to practice code and study radio theory in order to get their Amateur Radio licenses. Here's a story about one of Dick's students.

It is 1951. Dick and his best buddy Larry are enjoying their high school studies and growing together in Little Rock, Arkansas. One Saturday morning, Larry, convinced of the fun Dick was having with Amateur Radio, declared he was going to study for his own license. Larry's serious nature about ham radio was evident. Next week Wednesday, Larry took the Novice test - and passed.

His new license eventually arrived in the mail, with the call WN5TIA. Larry scurried over to Dick's home station to make his first QSO. In a few minutes, he was in contact with WN5THY across town on 80-meter CW. A first QSO, and a big step into Amateur Radio. Larry soon assembled his own station to operate as the years went by.

In 1953, Dick was at the National ARRL Convention, and met and briefly talked to League President Victor Clark, W4KFC. Dick was impressed by the top League official. Little did they know that Dick's school pal Larry would some day be an ARRL President, too. Thanks to Dick's encouragement, Larry is now known as ARRL President Larry E. Price, W4RA.

- Richard R. Regent, K9GDF



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Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

Meeting • August 12, 1991

The August meeting was a combined picnic and club meeting. It took place at the QTH of Dick, W5ONL, who lives by Lake Michigan on the south side of Racine. We all want to thank Dick and his wife Victoria, who so graciously let us all use their beach front facility, which has a large deck facing the lake. Co-hosts were Brian, WD9FRH, and his wife Nancy, KB9GAM. Thank you both. The picnic started about 4:00 p.m., and the feasting was under way about 5:30 p.m. A few people took the opportunity to climb down to the beach and did some beach combing.

The weather was most cooperative. Dave, WB9USI, brought the traditional sweet corn and everyone enjoyed himself. There was enough food for another day of eating. At least 48 people were present. We enjoyed the visit by Section Manager Richard Regent, K9GDF, and wife. Richard is the famous cartoonist Elmer in THE BADGER STATE SMOKE SIGNAL. He said he enjoys reading the minutes of our meetings in the BSSS. (Thank you).

Club President Dave, WB9USI, finally got the club meeting underway at 8:00 p.m. The minutes from the July meeting as presented in THE BADGER STATE SMOKE SIGNAL were approved with minor corrections.

The club wants to thank Lloyd, WB9RGO, who has donated to the club an all band "Bird Catcher" antenna. Dave, WB9USI, and club President was (un)fortunate to again win the "Goodie Box", which he said was very heavy. Did he add too much junk? He had to carry it all the way back to the car. He promised to lighten it or we would throw it in the lake, as it was suggested by some as being the proverbial "boat anchor".

The meeting/picnic ended about 9:30 p.m. The September meeting will be a program with slides by famous globetrotter Bill, W9OVC, who will share his experience in white water rafting.

The October meeting will be a show and tell; bring anything you like, it does not have to be radio-

Calendar of Events Racine Megacycle Club

Oct	5	Hamfest at Green Bay
Oct	5	ARRL Testing at Red Cross
Oct	6	Kenosha Ham Breakfast
Oct	13	Hamfest at Waukesha
Oct	14	Megacycle Meeting Program: Show and Tell - Bring Anything
Oct	18	Fox Hunt
Oct	20	QCWA Meeting
Oct	29	Lakeshore Repeater Ass'n Meeting
Nov	2	ARRL Testing at Red Cross
Nov	3	Hamfest at Kaukauna
Nov	3	Kenosha Ham Breakfast
Nov	9	Hamfest at Serbian Hall
Nov	11	Megacycle Meeting Program: To be Announced
Nov	15	Fox Hunt
Nov	18	QCWA Meeting
Dec	1	Kenosha Ham Breakfast
Dec	7	ARRL Testing at Red Cross
Dec	9	Megacycle Meeting Program: Wustum Museum, coffee and cake
Dec	13	Fox Hunt
Dec	15	QCWA Christmas Party
Dec	??	Megacycle Christmas Party

1992

Jan	11	Hamfest at Waukesha
Jan	26	Hamfest at Odeum
Apr	12	Hamfest at Rockford

related, but has to pass through the entrance door.

The December meeting will be held at Wustum Museum. More details in next newsletter.

Respectfully submitted:
Arne, KA9ZPY, Secretary

Scholarship Winners are Announced

*Includes Awards from West
Allis and South Milwaukee Clubs*

The Foundation for Amateur Radio, Inc. is pleased to announce the 1991 winners for the thirty-eight scholarships which it administers. These scholarships were open to all Radio Amateurs meeting the qualifications and residence requirements of the various sponsors.

The Foundation is a non-profit organization, incorporated in the District of Columbia, representing more than fifty clubs in Maryland, the District of Columbia and Northern Virginia. It is devoted exclusively to the scientific, literary, and educational pursuits that advance the purpose of the Amateur Radio Service.

The winners of the scholarships provided by Wisconsin clubs are listed below.

WARAC Memorial Scholarships \$500.00 each

Sponsored by the
West Allis Radio Amateur Club

Robert J. Goemans, N9HAD	Madison, WI
David C. Wright, WB9VOZ	Milwaukee, WI
Martin Van Der Burgt, KA9MSR	Milwaukee, WI

South Milwaukee Amateur Radio Club Scholarships \$500.00 each

Steven D. Kraft, KE9RW	Menomonie, WI
Gregory Overkamp, N9LMQ	Middleton, WI
Michael W. Barton, KB9AQR	Washington, IL
Shelley E. Weiss, KB9BBB	Highland Park, IL

The only other award won by a resident in the upper-midwest area was the \$900.00 Richard G. Chichester Memorial Scholarship, which went to Laurina M. Wilcox, KF0FA, of Cedar Rapids, Iowa.

Announcement of our 1992 awards will appear in the April or May issues of the major Amateur Radio publications and radio club newsletters.

- Foundation for Amateur Radio
6903 Rhode Island Avenue
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OUR WANT ADS GET RESULTS

WANTED: A wire recorder - Chicago - Webster - or B-29? Or, someone willing to put a very precious wire recording on tape. Bernard Tower, AI6Q, 1304 Via Hielo, Santa Monica, CA. (805) 928-5554.

There is no charge for non-commercial ads published in Sell, Swap, Buy. Ads may be sent to either Ken Ebner, K9EN, or Jim Romelfanger, K9ZZ. See page 2 for addresses. □

W1AW Operators Notes

Mike Tracy, KC1SX, has joined ARRL Headquarters station W1AW as a station operator. Tracy, 27, holds an Advanced Class license. Jeff Bauer, WA1MBK, who continues as acting station manager, has been at W1AW nearly ten years. Station operator Scott Gee, WB9RRU, recently completed five years on the job, without missing a day! Station manager Eddy Pollock, W6LC, continues on extended medical leave.

Excerpted from
The ARRL Letter, 8/7/91

Amateur Radio Awareness Day is Saturday, September 7, 1991. It's our opportunity to tell the public who we are and what ham radio is all about. The ARRL can provide your club or group with handout materials. Write to the League at 225 Main St., Newington, CT 06111, or call (203) 666-1541. □

ARRL/VEC Amateur Radio Examination Opportunities

The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team are aware that you be attending the test session.

Still Need to Prepare for Your Exam?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials.

Things to Bring to the Examination

Be prepared to bring the following items with you to VEC examinations: Your original current FCC-issued Amateur Radio license (and a copy of it)—if you are licensed; Any original Written or Code Element credit documents (CSCs) which are currently valid; Two forms of identification (e.g., a photo-ID or drivers license and another item indicating your current name and address); A calculator (if necessary); A pen and two pencils; and, the applicable examination test fee (\$5.25 for 1991 ARRL/VEC Test Sessions).

Technician Class Grandfather Credit

If you hold a Technician class license which was issued prior to 3/21/87, you are not required to take the Element 3B (General class written) examination if you can provide a copy of your FCC license dated before that date. If your license has since been renewed, and if you don't have a copy of the pre3/21/87 license, you must seek a verification letter from the FCC. To do so, write to FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245 and request a Form 1010-B Verification Letter verifying that you were licensed as a Technician class prior to 3/21/87. After you receive that form from the FCC, bring it to the test session with you in order to claim your deserved credit.

Lost Licenses

If you have lost your license, VECs are not permitted to submit any upgrades to the FCC without a copy of your current license attached to the 610 form. In order to expedite your upgrade, you must write the FCC and request a replacement license. Since that will take six weeks or more, we recommend that you also request a Form 1010-B verification letter from the FCC which will arrive in a couple of weeks—and is legally binding license document. You may use that form as a license until your Form-660 license arrives. The original and a copy of Form 1010-B must be brought to the test session verifying that you are currently licensed—the copy of which will be attached to your upgrade application (in lieu of an actual Form-660 license copy). To request the Form 1010-B Verification Letter, write to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245; indicating that you lost your license and that you are requesting that a replacement license be issued to you—also be sure to request that they send you a Form 1010-B Verification Letter verifying that you are licensed.

Accommodations for the Handicapped or Disabled

The FCC requires that the administering VEs must accommodate an examinee whose physical disabilities require a special examination procedure. To do so, the administering VEs may require a physician's statement indicating the nature of the disability before determining which, if any, special accommodative procedures must be used.

The VEs may accommodate handicapped/disabled examinees by administering the examination at a place convenient and comfortable for the examinee even at bedside; for the hearing impaired the Morse code may be sent

using flashing lights or a vibrating surface; for the visually impaired, VEs may read or write for the examinee; where warranted, the VEs may pause the Morse code message after each sentence/phrase, or each word, or even after each character to allow the examinee additional time to absorb and interpret what was sent—also the VEs may substitute a sending test for a receiving test where the examinee's handicap warrants.

VE Teams may need advanced notice in order to provide the necessary accommodations to examinees who require them. If accommodations are necessary, please contact the VE Team in advance to advise them of your needs.

Exemption of the 13/20 WPM Morse Code Requirements

If you are severely handicapped or disabled individual and have already passed at least a 5 WPM Morse code examination (or hold a license which meets that requirement), you may be eligible for exemption from the 13/20 WPM Morse code examination requirements. For information and applicable forms, send a SASE to the ARRL/VEC, 225 Main St, Newington CT 06111, and request our Handicapped Information Package.

The following examination opportunities are currently registered with the ARRL/VEC at this time for your area for Sept. 1 to Oct. 31, 1991 for the states of Wisconsin, Iowa, Illinois, Upper Michigan and Minnesota.

Test Date	City	Contact Phone	Contact Person
-----------	------	---------------	----------------

WISCONSIN

09/07/91	Racine	414-658-8390	William Firchow
10/05/91	Racine	414-658-8390	William Firchow
10/12/91	Ashland	715-561-2802	Dale Ristrom

No other WI exams were registered at this time.

IOWA

09/07/91	Dubuque	319-582-8563	Mike Jozefowicz
09/15/91	Des Moines	515-967-3890	Jim Snapp
09/21/91	Ames	515-292-4504	FS Hird
10/04/91	Sioux City	712-258-7262	Gary Johnson
10/26/91	Council Bluffs	712-322-1454	Lorraine Bogle

ILLINOIS

09/08/91	Danville	317-793-3573	Betty Collins
09/08/91	Harrisburg	618-549-7407	Sue Brieschke
09/08/91	Joliet	708-739-6015	Robert Stevens
09/14/91	Oak Forest	312-247-0650	William Koltz
10/12/91	Oak Forest	312-247-0650	William Koltz

UPPER MICHIGAN

09/07/91	Marquette	906-249-3837	Richard E Schwenke
10/05/91	Houghton	906-337-0451	Edwin Kohn
10/26/91	Manistee	616-864-3077	Gerald Young

MINNESOTA

09/07/91	St Paul	612-222-7253	John Bellows
09/27/91	St Paul Park	612-459-8678	David Harrell
10/07/91	St Paul	612-739-0279	Ralph Andrea
10/26/91	Brooklyn Park	612-888-6187	Arthur Jensen

Editor's note: The above information *may* duplicate information in our Test Point column; it may also contain information on examinations which has *not* been sent to BSSS. The examination information and schedules above were furnished by the ARRL/VEC office. In future issues, information about upcoming exam sessions from the ARRL/VEC will be integrated into our Test Point column. The exam information in the Test Point column will now include ARRL/VEC tests in Upper Michigan and certain areas of Illinois, Iowa, and Minnesota. □

San Francisco Amateurs Aid in Tracking Jammer

A San Francisco Bay-area man has been accused by the FCC of interfering with police radio channels, according to the San Francisco office of the FCC, whose efforts were aided by local amateurs.

The suspect, whose identity has not been disclosed, is described as an Advanced Class amateur licensee. He was cited by the Commission on July 12 for using a modified amateur 5-watt dual-band transceiver to cross-link up to 18 law enforcement agencies, *The Carrier*, the newsletter of the Mt. Diablo Amateur Radio Club, reported.

According to the *Carrier*, FCC inspectors said, "When we made the inspection and confronted the suspect he was very contrite and very cooperative."

The suspect will be charged with two criminal counts of violation of Title 47 of U.S. Codes 301 and 333, according to *Carrier* editor Paul Girard, KC6TZU. Each count, if he is found guilty, could result in a fine of \$100,000 and one year in prison.

At *ARRL Letter* press time, the matter was in the hands of the U.S. Attorney's office in San Francisco, and the FCC had taken no action, other than moving to suspend the suspect's operating licenses, which include commercial as well as amateur.

The help of local amateurs was enlisted in the direction-finding that led to the suspect.

"Part of the success of finding this individual,"

said Phil Kane, supervisory engineer in the FCC's San Francisco office, "was the cooperation of the local amateur community, whose channels were also being jammed."

- *The ARRL Letter*, 8/7/91

Northern Wisconsin Radio Club

The next meeting of the NWRC will be Sept. 24 at 7:30 p.m. at the Peppermill Restaurant in the Thunderbird Mall, Monomoneie. Ernie, W0LUY, and Delores will have some slides on this year's Field Day. This will be our first meeting of the 1992 year. Dues are due, and the election of officers will be Oct. 22.

- NWRC Sec./Treas. Steve Hart. KA9OMC

Bob, is That You?

What are the chances that W9OQY and W8OQY lived directly across the street from each other when they were kids? Robert S. Bellgraph, now K9ZL, of Racine, says it is entirely possible. He used to have the call W9OQY.

Bob lived in Whitehall, Michigan, when he was young, right across the street from another young fellow named Harry Barrett, his friend. In fact, their dads were the best of friends, too.

In 1941, Bob was living in Wisconsin, became interested in Amateur Radio, and got the call W9OQY.

Recently, while operating QRP CW, Bob heard W8OQY in a QSO and broke in. With the call W9OQY (note the similarity between Harry's and Bob's calls), an explanation wasn't necessary. But in just a few exchanges, they rediscovered their childhood friendship. Harry hollered for his wife to come into the shack, as he interpreted the CW for her. "That's my friend Bob on the radio who used to live across the street!"

They chatted and reminisced about the fun they had, their long calls with all the dashes in them, the unforgettable stories of the corner church on their block and, of course, the improbability of now having such similar calls and meeting again.

Later, Bob was on a phone net, and heard W8OQY check in with traffic for Racine. Of course, he volunteered to deliver the messages. The net control station operator had to chuckle a bit when he said, "OQYs up ten."

- Richard R. Regent, K9GDF

WPDR 1350 WDDC FM100

Portage, WI

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13th Annual Fall

1991 Computer and Ham Radio Swapfest

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- ☐ Amateur Radio Exam Information provided at no charge

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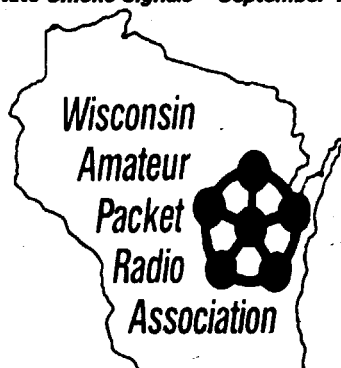
City, State ZIP

All orders *must* be accompanied by a SASE and mailed to:

KMRA Swapfest
 PO Box 276
 Waukesha, WI 53187-0276

VENDOR SET-UP AT 6:00 AM

Responses to all correspondence and ticket requests received on or after October 5 will be held at the door!



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

William Schroeder, W9ZBD
4247 Forest Point Drive
Rhineland, WI 54501

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

Material for the Packeteer section of this month's BSSS has not been received in time for printing. The following are a few items that have been taken from bulletins on bulletin boards.

WA9KEC - BBS off 145.07

Due to a lack of use, and that we now have good coverage on the S.Central LAN by other BBS's, on or about Sept. 1, 1991 I will kill the 145.07 port on the WA9KEC BBS.

The S.East LAN is served by my port on 145.09. I will also still have a port connected to the WA9KEC Node stack.

73's Roy SysOp of WA9KEC.WI.USA.NA

I have acquired two rtty rcv. solid state converters...I need info or military manuals on: An/ura-17A two converter set up or CV-483C/URA-17. Please leave message on WA9KEC bbs.....Thanks Ken Rogers W9NUE @ WA9KEC

The North East Wisconsin Radio League, (N.E.W.R.L.) is now the fastest growing amateur radio club in northeast Wisconsin. The club sponsored repeater is located near Green Bay with a range of 75 mi. for a 25 watt mobile rig and is comprised of the latest state of the art equipment. The repeater is capable of many things including: Talking S-meter, mailbox messages, time & temp, Auto patch (presently being in-

stalled) and we are now in the process of purchasing a Digital Voice Recorder that will enable members to leave real time voice messages to other amateurs, as well as ID the repeater with a real "live quality" voice. The frequency is 147.27

The N.E.W.R.L. is a regional club covering Northeast Wisconsin with members as far north as Gladstone, Mi. and as far south as Fond Du Lac. There is a net that meets on Tuesday at 8:00 pm to cover local amateur news, ARRL bulletins, and club news for those members who can not make the monthly meetings, which are held at the Midway Motor Lodge on Packer drive. The meetings are held on the first Wednesday of each month at 7:30 pm.

If you would like more information about our club, or if you would like to become a member of the N.E.W.R.L. you can write to the following address: N.E.W.R.L. PO. BOX 10051 GREEN BAY, WI. 54307 or call me at: (414) 498-2347 After 5:00 pm The dues for the rest of 1991 are \$10.00

Thanks & 73,
Mark Olson (President. N.E.W.R.L.)

A highbrow is a person who knows whether the symphony orchestra is playing or just tuning up.

No one ever listens to anybody else and if you try it for a while, you'll know why.

A SHACK IS A SHACK IS A SHACK
(A True Life Adventure)
From BANDBITS (Peoria Area ARC)

"Where are you?! shouted my wife as she returned from the grocery store.

"I'm in the shack," I replied.

"In the where?" she asked.

"I'm in the shack," I replied again.

"Well I know our home isn't the best house on the street but I never considered it to be a shack."

"I'm not talking about the house. I'm talking about the spare bedroom that I'm fixing up to be my shack," I tried to explain.

"If you are talking about the newly decorated spare bedroom you had better not be calling it a shack," she said as she arrived at the door of the room in question. While she was at the store I had brought up some of my stuff that had been in the basement and had set it on the dresser and bed of my newly found radio shack. A couple of coils of wire had fallen to the floor along with an oil soaked box that had acquired a little dust and a cobweb or two. These were in addition to the more valuable things such as a half built Heath Kit and a 15 Amp power supply a good friend sold me but has never worked.

My wife stood at the bedroom door with two large paper sacks of groceries that approximately equaled her normal fighting weight. Unfortunately the bottom of one of the sacks was about to give away as was evidenced by the half stalk of wet celery sticking out of the bottom. I suspected I might be in trouble.

"I'm transforming our spare bedroom into an area of electronic wonderment. This is where my new radio shack is going to be." I said.

"Well you got one thing right, you sure have made my spare bedroom into a shack," she replied just as the celery completed its journey through the paper bag. It was obvious that I wasn't going to win this one and the best I could hope for would be a compromise. My wife wanted the spare bedroom for the grand kids when they come to visit. I wanted it because it was too cold in the basement in the winter. Being reasonable, mature and logical adults we had to work out an agreement.

If you are ever over to our house, you are more that welcome to see our spare bedroom. Please do not refer to it as "The Radio Shack" but as the "The Radio Den". I personally would appreciate it if you would refrain from mentioning the pink curtains or the matching pink bedspread. And finally, it was part of our agreement to have all the radio gear painted pink to match the rest of the room.

At least it will be warm in the winter.

--Ken WD9IBJ

☐ Wisconsin Amateur Packet Radio ☐ Membership Application

Name: _____ Call: _____ Home Phone: _____

Address: _____ City: _____ State: _____ Zip: _____

Home BBS: _____ Monitor Freq.: _____ Hours of Operation: Day: ☐ Night: ☐ 24 Hour: ☐

Station: Power: _____ Ant. Gain: _____ Height: _____ TNC: _____ Computer: _____

Station Capabilities: HF: ☐ 2M: ☐ 220 MHz: ☐ 440 MHz: ☐ Other: _____

I operate a Digipeater: ☐ Alias: _____ Packet BBS: ☐ Software Used: _____

Primary Interest in Packet: _____

Please return this form, COMPLETED, with your check or money order for \$ 12.50 to:

William Schroeder, W9ZBD, 4247 Forest Point Drive, Rhineland, WI 54501

TEST POINT

(continued from page 4)

Also required are a pen and \$5.00 for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, 1737 North 116th Street, Wauwatosa, WI 53226, or to Ed Seruga, KE9JJ, 3840 South 43rd Street #21, Milwaukee, WI 53220. Telephones: (414) 774-6999 or (414) 545-6299.

BADGER EXAMINERS (BE) - MILWAUKEE

Oct. 13. - KMRA Swapfest (Waukesha)

Unless otherwise noted, examinations are administered beginning at 1:00 p.m. to 3:30 p.m. at St. Nicholas Church basement, 5345 N. Green Bay Ave. (2 1/2 blocks south of Silver Spring), Milwaukee. Walkins are welcome. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, WI9M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

MARSHFIELD, WI

September 19 (Technician only)

September 21 (all classes)

Examinations will be given by the Marshfield ARS, at St. Joseph Hospital, School of Nursing, Room 124, St. Joseph Ave., Marshfield, WI 54449, on 19 Sept. at 7pm (Technician only) and 21 Sept. at 9am (all classes). Walkins are welcome. Contact: WNOIKN, Walter Eriant, 2310 Wallonie Drive, Marshfield, WI 54449, (715) 387-3870.

MADISON, WISCONSIN (ARRL/VEC)

Exams will be held at Fire Station #6, on Badger Rd. (Just off South Park - Enter East door.) The test sessions will begin promptly at 8:00 a.m. Subsequent exams will occur in the fall of 1991. To be scheduled.

EAU CLAIRE, WISCONSIN

1991 dates: Oct. 12

Exams given at the UW/EC Maintenance/Central Stores Building.

KAUKAUNA, WI

November 3, 1991

Held at the FOXCITIES HAMFEST 91, Starlite Club on Hwy. 55, North of Kaukauna. Exams begin at 9:00 a.m. Contact Larry, KD9IA at (414) 788-3823, or Don, NB9J at (414) 766-3886.

MENOMONIE WI - ARRL/VEC

Saturdays: Nov. 2, 1991, Mar. 28 and Nov. 7, 1992.

The Northern Wisconsin Radio Club administers exams from 9 to 11:30 a.m. at the Westconsin Credit Union Building, Lower level conference room, 444 S. Broadway, Menomonie, WI. Use front entrance of building. Walkins accepted to extent of available exam materials.

Contact: Jim Ley, NX9F, (715) 235-3998 (H); or (715) 232-1397 (O).

APPLETON, WI (ARRL/VEC)

Sponsored by the Fox Cities ARC. All exams are held at Madison Jr. High School, 2020 S. Carpenter St., Appleton, WI. Contact: KD9IA, (414) 788-3823

ONALASKA, WI

November 11, 1991

Sponsored by the Riverland ARC. Held at the Onalaska Community Center, 515 Quincy St. All exams start at 7:00 pm. Preregistration recommended. Contact: Rick Williams KV9U, 524 Troy St., Onalaska, WI 54650. (608) 783-8028. or Dick Low, KOJYB, 1520 Nakomis Ave., La Crosse, WI 54603. (608) 784-9176 (After Apr. 5th.)

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except

January, July, and August.

Exams are given at 9:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walkins are permitted. Inquiries and registrations should be directed to William Firchow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

DUBUQUE, IOWA - ARRL/VEC

Exam dates for 1991 are: September 7, and December 7.

The Great River Amateur Radio Club VEs are now field stocked, which means retests can be given immediately.

Exams are held at 9:00 a.m. at the Central Fire Station, 9th and Central in Dubuque. Use the basement entrance on 9th Street. For more info, contact Mike Jozefowicz, NSOU, 2735 Hickory Hill, Dubuque IA 52001, or call Mike at (319) 582-8563. Talkins are on the 147.84/24 and 147.63/03 repeaters. -- (Thanks Art Evans, KA9KLZ)

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (DeVry VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Dennis G. Eksten, W9SS, 5006 N. Second St., Loves Park, IL 61111. (815) 877-6768.

MINNESOTA TESTS

September 7, 1991 St Paul, MN (SPARC)
September 27, 1991 St Paul Park, MN (SEMARC)
October 12, 1991 Bloomington, MN (BARC)
November 9, 1991 Bloomington, MN (BARC)
December 7, 1991 St Paul, MN (SPARC)
December 14, 1991 Bloomington, MN (BARC)
December 21, 1991 St Paul-Park, MN (SEMARC)

Locations and contacts:

St. Paul Radio Club (SPRC)
St. Lukes School (cafeteria)
1065 Summit Ave.
St. Paul, MN
contact: Jay Bellows (612) 222-7253

Bloomington Amateur Radio Club (BARC)
Creskide Community Center
98th and Penn Ave. So.
Bloomington, MN
contact: Art Putt (612) 881-7181

SE Metro Area Radio Club (SEMARC)
St. Thomas Aquinas Activity Bldg.
920 Holly Ave.
St. Paul Park, MN
contact: David Harrell (612) 459-1647

The above Minnesota test are listed as a help to readers near or traveling thru the area. If you are interested in any of these, please save this listing as we may not always have space available to list them. Thanks to "Ground Wave" for the above information.

If you plan on taking any of the exams, it is suggested that you contact the sponsoring organization as the date nears to find if there have been any changes in dates or locations.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN at the address shown on page 2.



OUR WANT ADS GET RESULTS

FOR SALE: Carolina Windom by Radio Works, 80-10M. Used 1 yr. \$35.00. Denis, K9JIG. (414) 337-0561 after 7pm.

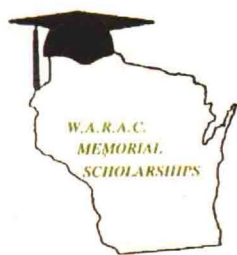
FOR SALE: Complete YAESU STATION. FT-707, 80-10 meters, modified for MARS, Matching YAESU tuner and HD power supply, YAESU desk mike, factory serviced and aligned, all manuals, will not separate, \$700, offer, trades, KE9UE (715) 356-6410.

FOR SALE: HW-101 & power supply with low pass filter & manuals. All tubes good. Asking \$225.00. Jake Spinhirne, N9KQN, 1316 Conde St., Janesville, WI. (608) 754-4243.

FOR SALE: Kenwood TN221A in mint condition. Asking \$300.00. 60 foot Universal tower. Free standing aluminum heavy duty with base. Asking \$600.00. Ham IV rotor and control, \$200.00. PK-64 packet, \$100.00. Cal Jack, NS9B, (414) 457-7050 (evenings).

FOR SALE: Colorful United States Stamps. 100 all different. \$1.00 postpaid. Richard Regent, K9GDF, 5003 South 26th St., Milwaukee, WI 53221.

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Extension 58 Milwaukee, WI 53172

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November 3, 1991

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HAMFEST INFO:
Don Baker
621 W. 7th St.
Kaukauna, WI 54130
414-766-3886

EXAM INFO:
Larry, KD9IA,
414-788-3823, or
Don, NB9J,
414-766-3886

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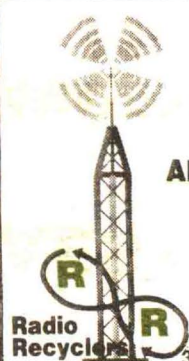
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